



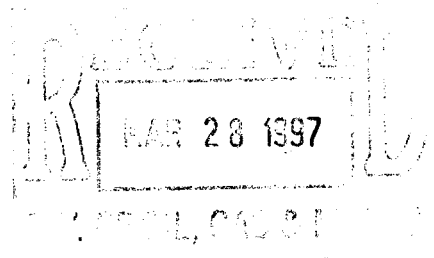
Coastal
The Energy People

March 27, 1997

Applications for Permit to Drill
Natural Buttes Field
Uintah County, Utah

VIA FEDERAL EXPRESS

Mr. Brad Hill
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801



Dear Mr. Hill:

Enclosed are the Applications for Permit to Drill (APD), the Drilling Programs, and the Surface Use and Operations Plans for the following wells:

CIGE #189-29-9-22
CIGE #219-29-9-22
CIGE #221-36-9-22
CIGE #222-36-9-22
CIGE #234-25-9-21
CIGE #235-25-9-21
CIGE #236-34-9-21

NBU #270
NBU #280 ✓
NBU #281
NBU #282
NBU #301
NBU #306

Please note that the Surface Use and Operations Plans are subject to change pending completion of the on-sites. On-site inspections for these wells have been scheduled with Dave Hackford, State of Utah--Roosevelt Office, for Thursday and Friday, April 3 and 4, 1997.

If you have any questions concerning the enclosed documents, please contact me at (303) 573-4455.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Enclosures

cc: Bureau of Land Management - Vernal District

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-22935-A	
		6. If Indian, Allottee or Tribe Name: N/A	
1A. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. Unit Agreement Name: Natural Buttes Unit	
B. Type of Well OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name: NBU	
2. Name of Operator: Coastal Oil & Gas Corporation		9. Well Number: 280	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749		10. Field and Pool, or Wildcat Natural Buttes Field	
4. Location of Well (Footages) At surface: 2596' FSL & 1459' FWL At proposed proding zone: _____		11. Qtr/Qtr, Section, Township, Range, Meridian: NESW Section 31-T9S-R22E	
14. Distance in miles and direction from nearest town or post office: See Topo Map A		12. County Uintah	13. State: Utah
15. Distance to nearest property or lease line (feet): 1459'	16. Number of acres in lease: 160	17. Number of acres assigned to this well: N/A	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Topo Map C	19. Proposed Depth: 6800'	20. Rotary or cable tools: Rotary	
21. Elevations (show whether DR, RT, GR, etc.): Ungraded GR - 4842'		22. Approximate date work will start: Upon Approval	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24. *Sheila Bremer* Sheila Bremer
Name & Signature Title: Environmental & Safety Analyst Date: 3/27/97

(This space for State use only)

API Number Assigned: 43-047-32965

Approval:

John R. Bay
Petroleum Engineer

4/24/97

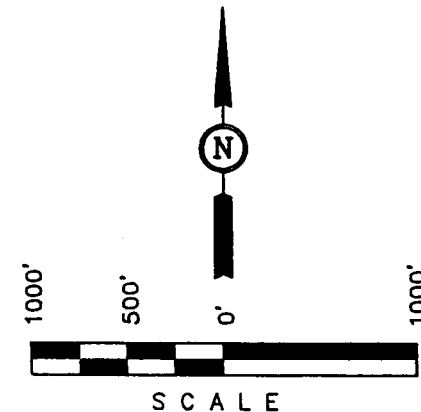
T9S, R22E, S.L.B.&M.

COASTAL OIL & GAS CORP.

Well location, NBU #280, located as shown in the NE 1/4 SW 1/4 of Section 31, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

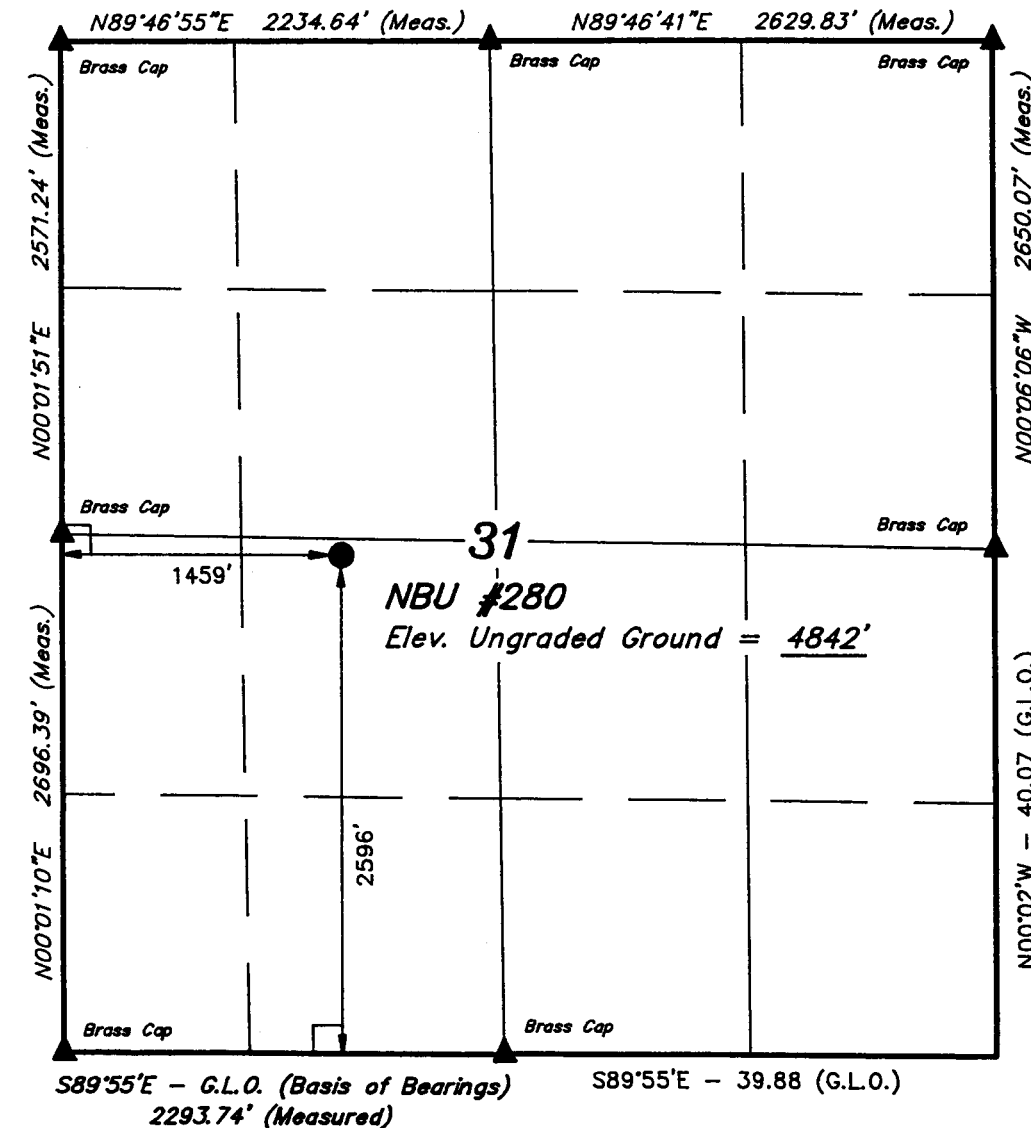
TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Hay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017			
SCALE 1" = 1000'		DATE SURVEYED: 02-20-97	DATE DRAWN: 03-07-97
PARTY B.B. D.R. D.R.B.		REFERENCES G.L.O. PLAT	
WEATHER COLD		FILE COASTAL OIL & GAS CORP.	

**NBU #280
2596' FSL & 1459' FWL
NE/SW, SECTION 31-T9S-R22E
UINTAH COUNTY, UTAH**

COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

The proposed wellsite is on **State of Utah surface/State of Utah minerals**.

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,160'
Wasatch	4,360'
Total Depth	6,800'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,160'
Oil	Wasatch	4,360'
Gas	Wasatch	4,360'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. Oil and gas shows will be tested to determine commercial potential.

3. **Pressure Control Equipment:** (Schematic Attached)

- a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.
- b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.
- c. Testing: The hydril will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. **Proposed Casing and Cementing Program:**

- a. The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	11"/12 ¼"	8 ⅝"	24#	K-55	ST&C
Production	0-TD	7 ⅞"	4 ½"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

Casing design is subject to revision based on geologic conditions encountered.

- b. The Cement Program will be as follows:

<u>Surface</u>	<u>Fill</u>	<u>Type & Amount</u>
0-250'	250'	Approximately 165 sx Class "G" + 2% CaCl ₂ , 15.6 ppg, 1.19 CF/sx.
<u>Production</u>		<u>Type & Amount</u>
500' above productive interval to surface		Lead: Extended, Lite, or Hi-Fill cement + additives, 11 or 12 ppg, 2.69 CF/sx.
TD to 500' above productive interval		Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg; or RFC, 14.0-14.5 ppg, 1.57 CF/sx

For production casing, actual cement volumes will be determined from the caliper log, plus 15% excess.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

5. **Drilling Fluids Program:**

<u>Interval</u>	<u>Type</u>	<u>Mud Wt.</u>
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Displace hole to 10 ppg brine mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

6. Evaluation Program:**a. Logging Program:**

DLL/SP:	Base of surface casing to TD
GR/Neutron Density:	2500' to TD

Drill Stem Tests:	None anticipated.
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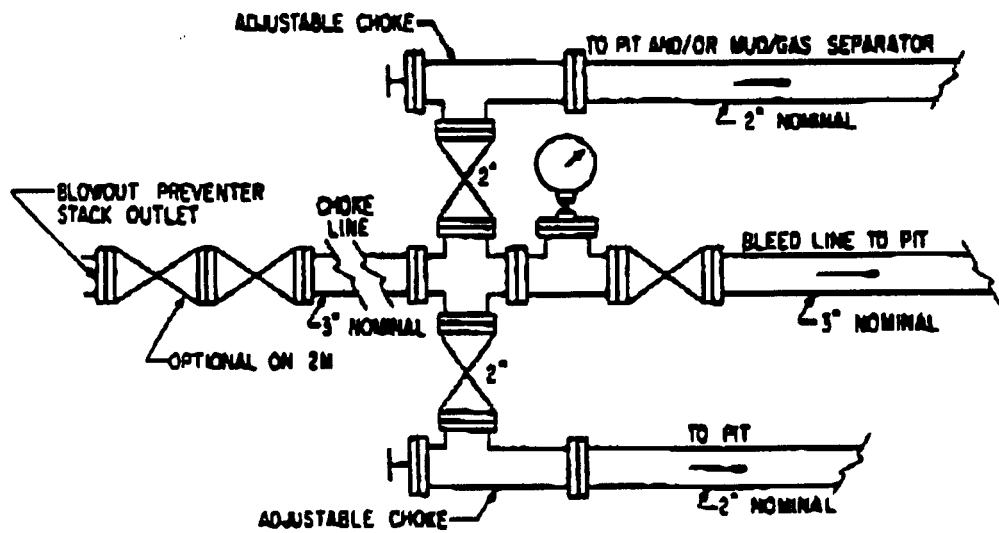
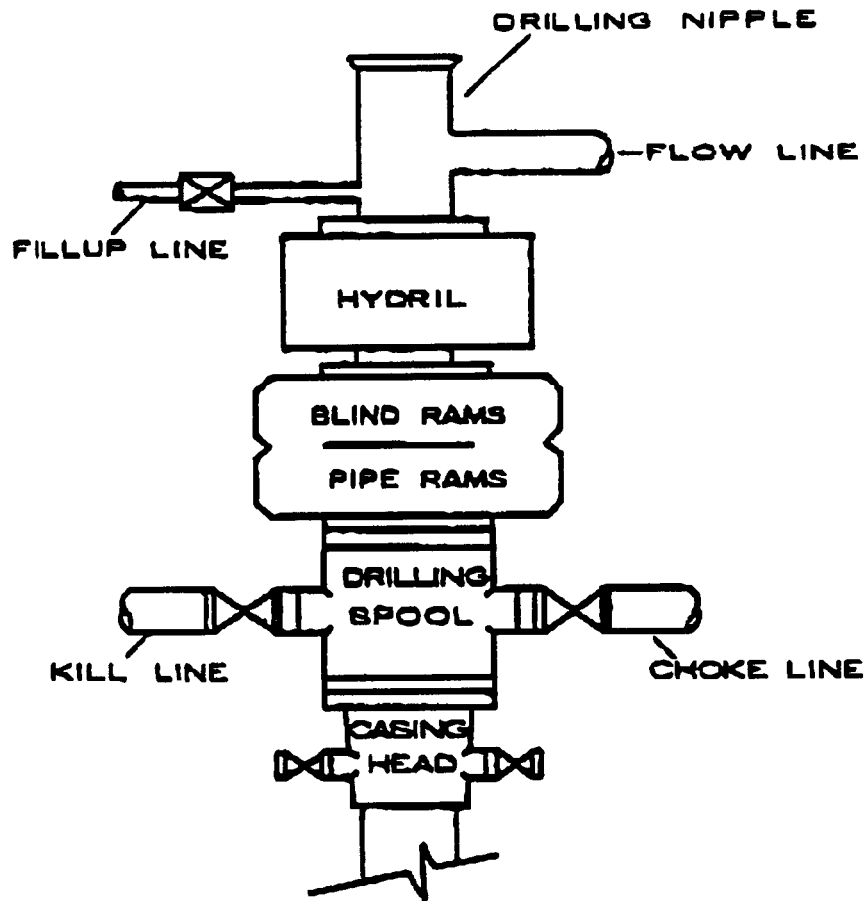
The Evaluation Program may change at the discretion of the well site geologist.

- b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 2,720 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,224 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

3,000 psi
BOP STACK



**NBU #280
2596' FSL & 1459' FWL
NE/SW, SECTION 31-T9S-R22E
UINTAH COUNTY, UTAH**

COASTAL OIL & GAS CORPORATION

MULTI-POINT SURFACE USE & OPERATIONS PLAN

This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.

1. Existing Roads:

The proposed well site is southwest of Vernal, Utah. Refer to Topo Maps A and B for location of access roads.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 400' of new access will be required. The new access road will be crowned, ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet, *unless modified at the on-site inspection*. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C for the location of existing wells within a one mile radius of the proposed location.

4. Location of Existing and Proposed Facilities:

The following guidelines will apply if the well is productive.

- a. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of

compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

- b. All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- c. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- d. The proposed pipeline will leave the well pad in a easterly direction for an approximate distance of 250' to tie into an existing pipeline. Please see Topo Map D.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Section 32-T4S-R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a synthetic reinforced liner is used, it will be a minimum of 10 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

- d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- e. A chemical porta-toilet will be furnished with the drilling rig.
- f. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.
- g. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

- h. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

8. **Ancillary Facilities:**

- a. The NBU #98V, SWSW Section 34-T9S-R21E, will be used as a staging area for equipment and supplies in the current drilling program. There will be no land disturbance associated with this facility. This will be a temporary facility used during the current drilling program. An 18" berm will surround the entire location. The following will be kept on location:

- 3 - Cement Silos - 1,033 CF each
- 2 - Sand Bins - 2,500 CF each
- 2 - KCL Tanks - 400 bbls each w/3 % KCL
- 2 - Acid Tanks - 5,000 gals each w/15 % HCL Acid

On March 21, 1997, Ron Firth approved the NBU #98V staging area sundry.

- b. The NBU #25, SWNE Section 3-T10S-R21E, will be used as a camp by drilling personnel during the current drilling program. Sewer facilities installed during Coastal's 1992 drilling program are still in existence and will be used for the same purpose. Skid mounted rig trailers (4-5) will be set up. A generator and 400 bbl water tank will also be installed. This will be a temporary facility used during the current drilling program. No foundations will be built. This camp has been approved by the Bureau of Land Management.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually with these facilities. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported, or disposed of in association with these facilities.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

See the attached diagram to describe rig orientation, parking areas, and access roads.

- a. The reserve pit will be located on the east side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the west side of the location. All brush removed from the well pad during construction will be stockpiled with the topsoil.
- c. The flare pit will be located on the south side of the location, downwind from the prevailing wind direction.
- d. Access will be from the north.
- e. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

- f. The reserve pit fencing will be on two sides during drilling operations, and on four sides when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

- a. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a synthetic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by backfilling and crowning the pit to prevent water from standing.

b. Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

a. Access Roads - The proposed access road is located on lands owned by:

- State of Utah
Trust Lands Administration

b. Well Pad - The well is located on land owned by:

- State of Utah
Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818

12. **Other Information:**

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- b. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.

- c. A Class III archeological survey was conducted by Metcalf Archaeological Consultants, Inc. A copy of this report is being sent directly to Kenneth Wintch, Utah School Trust Lands, and James Dykman, Utah Preservation Office.

13. **Lessee's or Operators's Representative and Certification:**


Sheila Bremer
Environmental & Safety Analyst
Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749
(303) 573-4455

Tom Young
Drilling Manager
Coastal Oil & Gas Corporation
9 Greenway Plaza, Coastal Tower
Houston, TX 77046
(713) 877-7044


Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Sheila Bremer



Date

COASTAL OIL & GAS CORP.

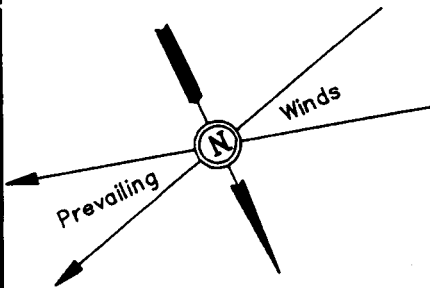
LOCATION LAYOUT FOR

NBU #280

SECTION 31, T9S, R22E, S.L.B.&M.

2596' FSL 1459' FWL

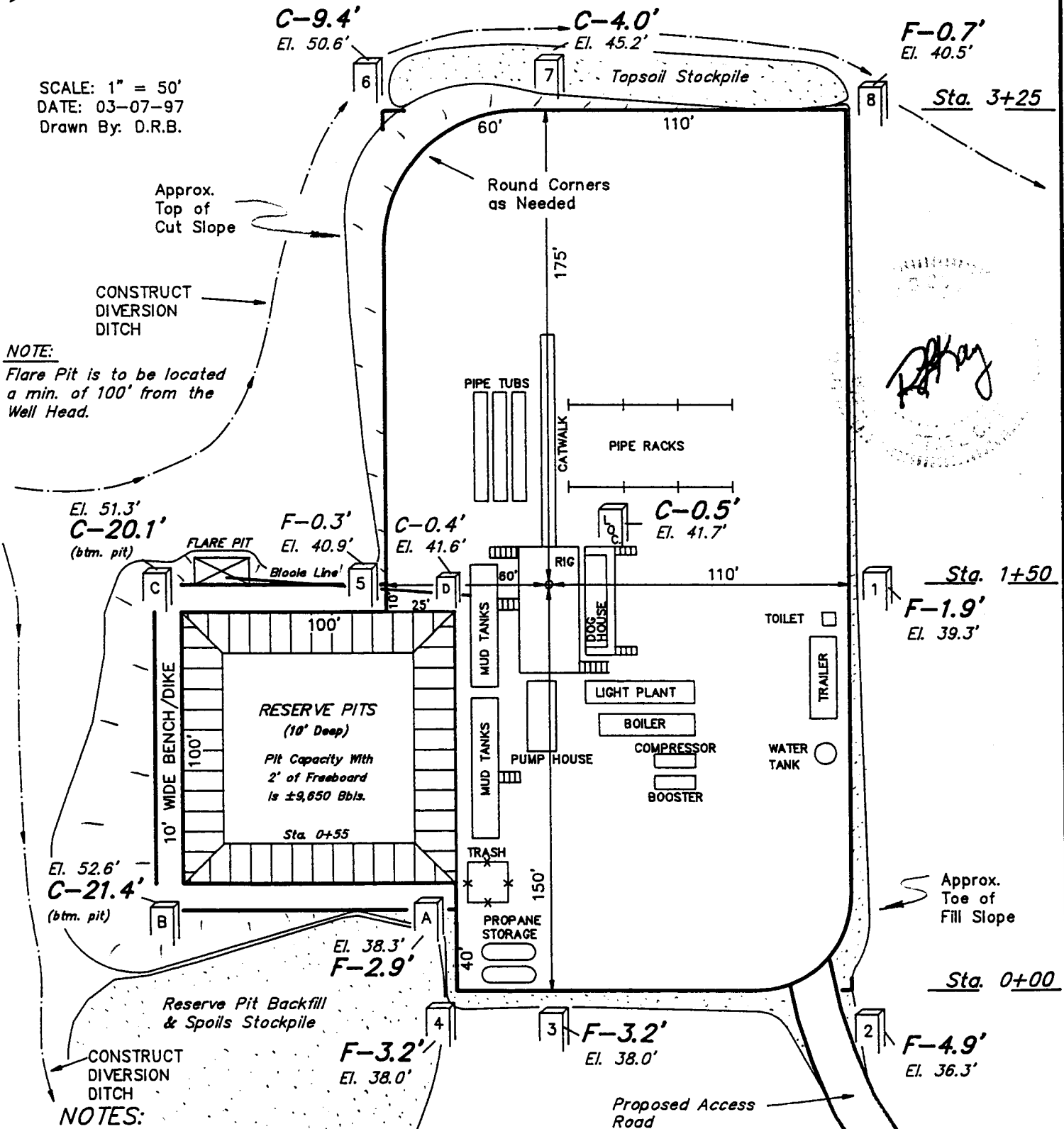
FIGURE #1



SCALE: 1" = 50'
DATE: 03-07-97
Drawn By: D.R.B.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground At Loc. Stake = 4841.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 4841.2'

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86 South 200 East Vernal, Utah

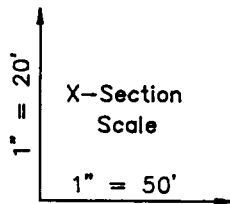
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

NBU #280

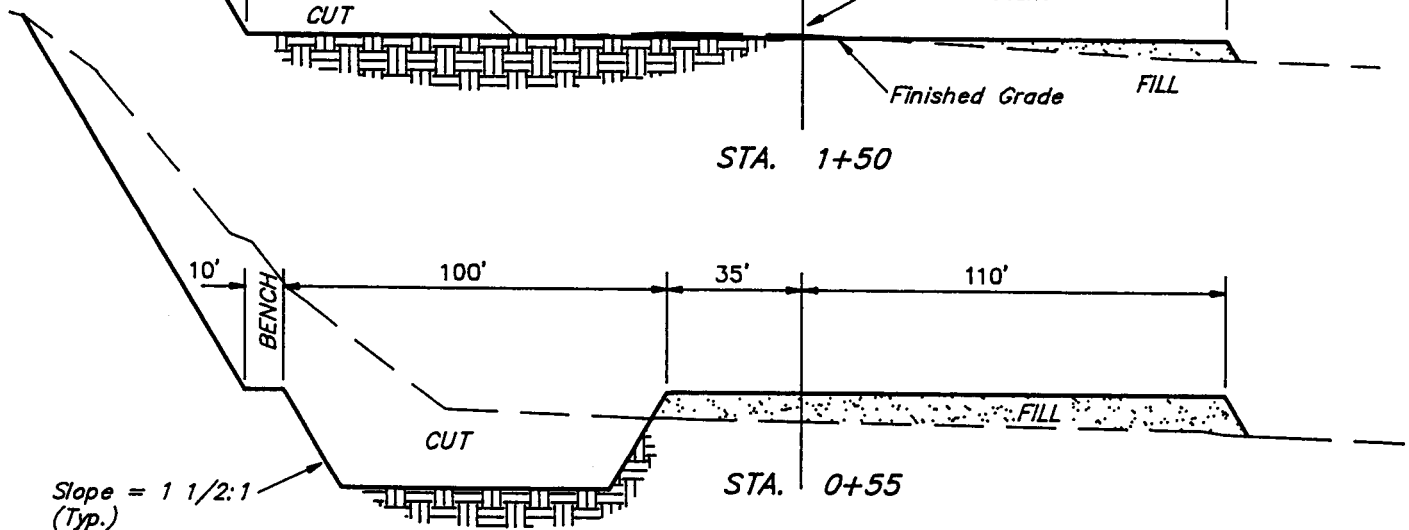
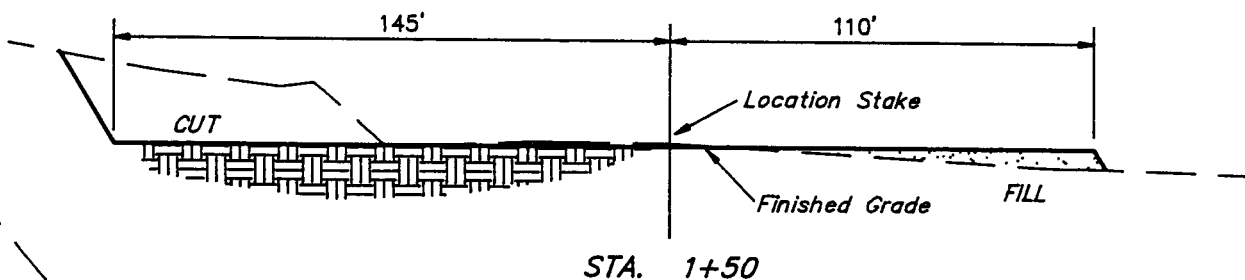
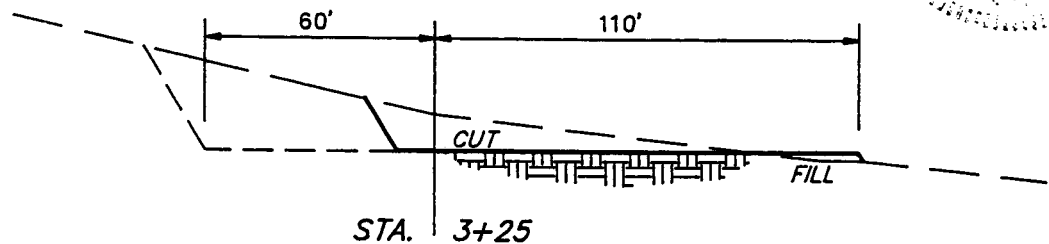
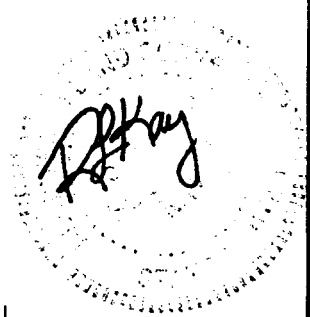
SECTION 31, T9S, R22E, S.L.B.&M.

2596' FSL 1459' FWL

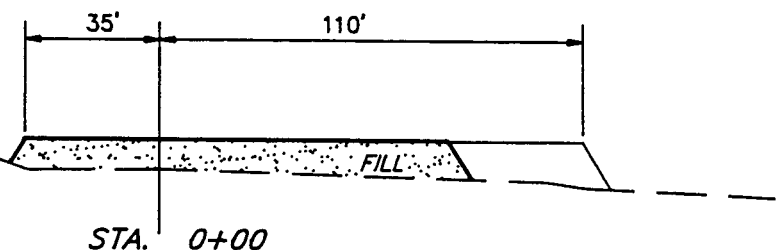


DATE: 03-07-97

Drawn By: D.R.B.



Preconstruction
Grade



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

FIGURE #2

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,140 Cu. Yds.
Remaining Location = 6,760 Cu. Yds.

TOTAL CUT = 7,900 CU.YDS.

FILL = 3,170 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION

= 4,560 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.)

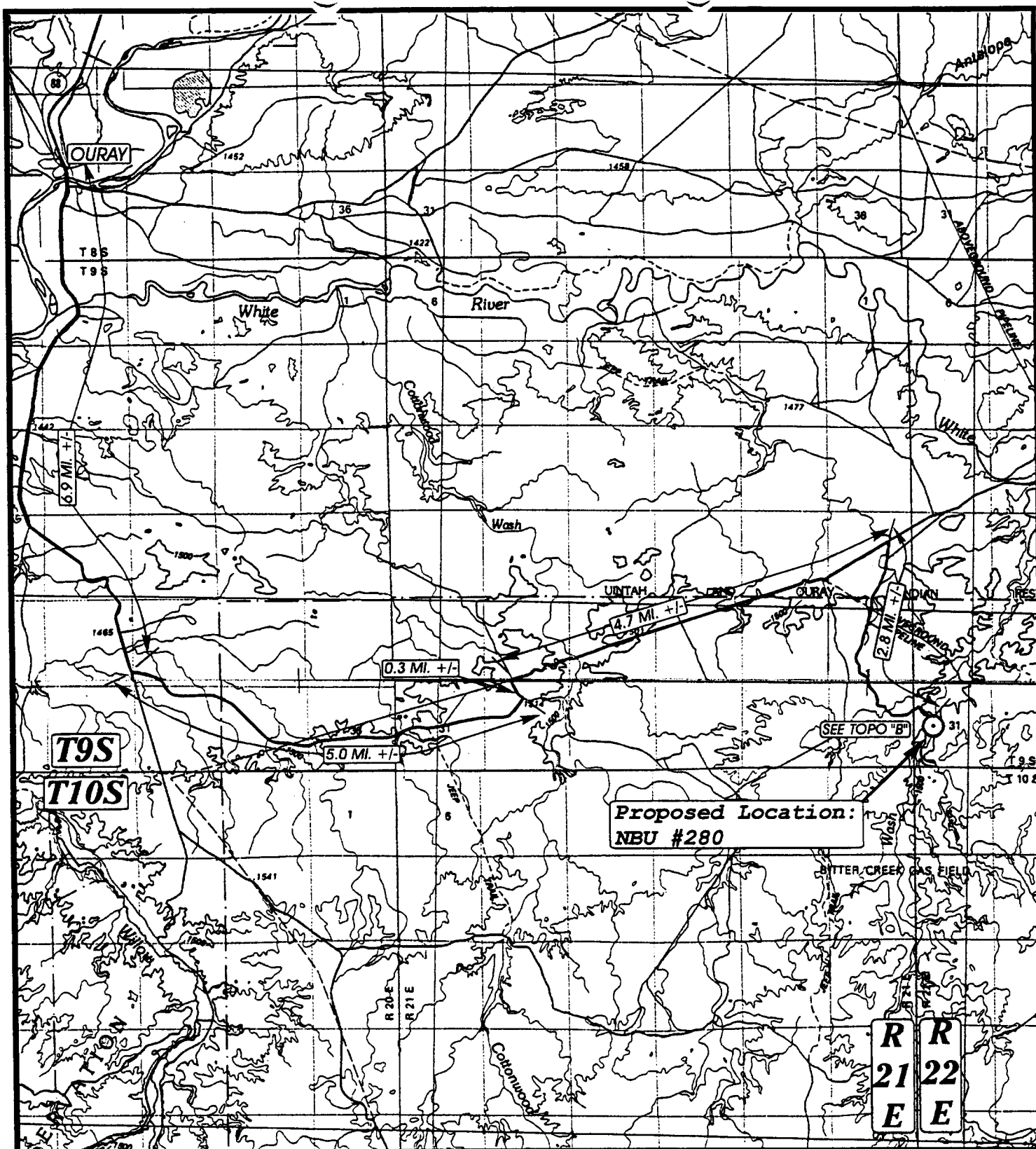
= 2,480 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation)

= 2,080 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East Vernal, Utah



Proposed Location:
NBU #280

R R
21 22
E E

UELS

**TOPOGRAPHIC
MAP "A"**

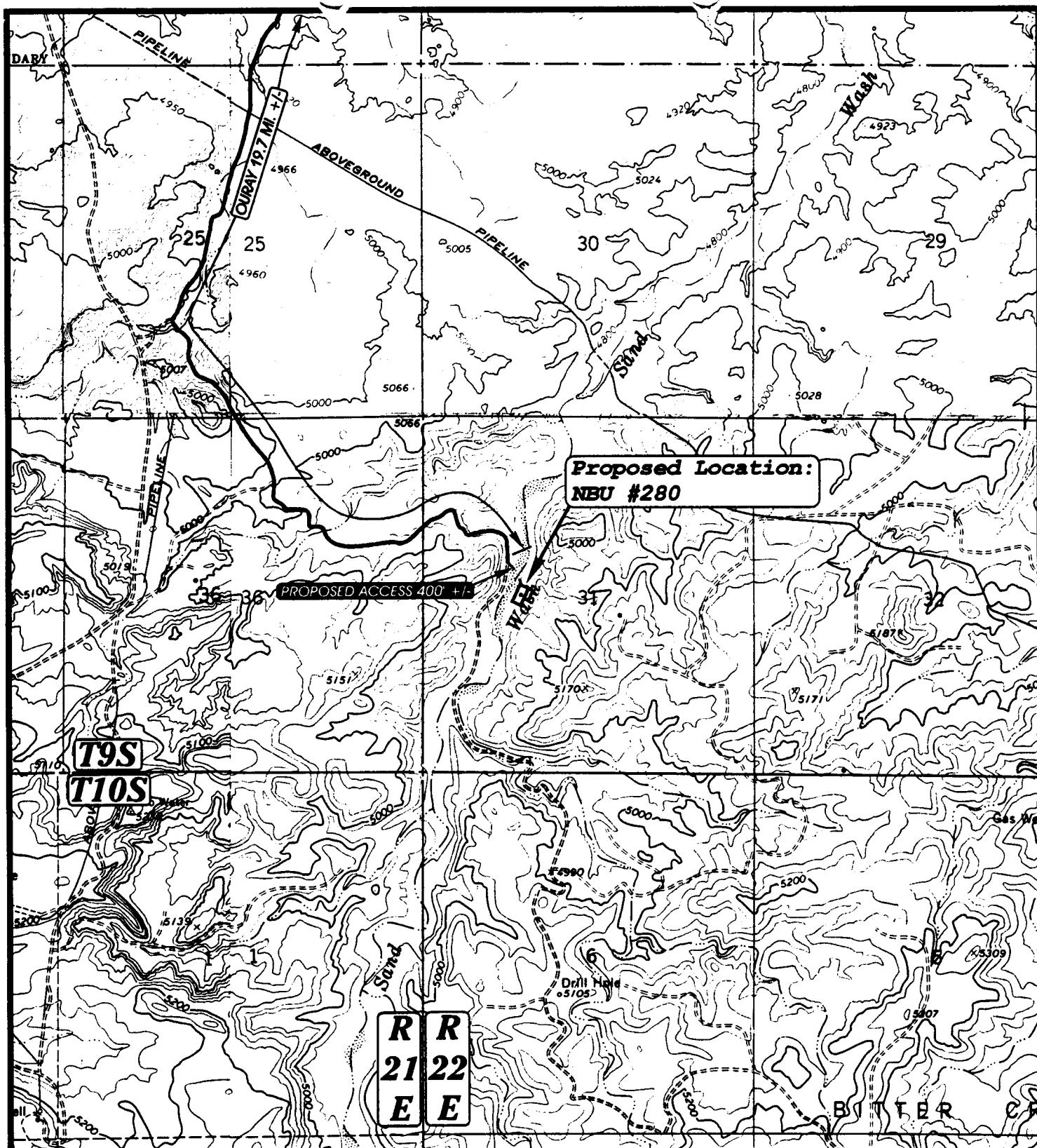
DATE: 2-26-97
Drawn by: J.L.G.



COASTAL OIL & GAS CORP.

NBU #280
SECTION 31, T9S, R22E, S.L.B.&M.
2596' FSL 1459' FWL

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



UELS

**TOPOGRAPHIC
MAP "B"**

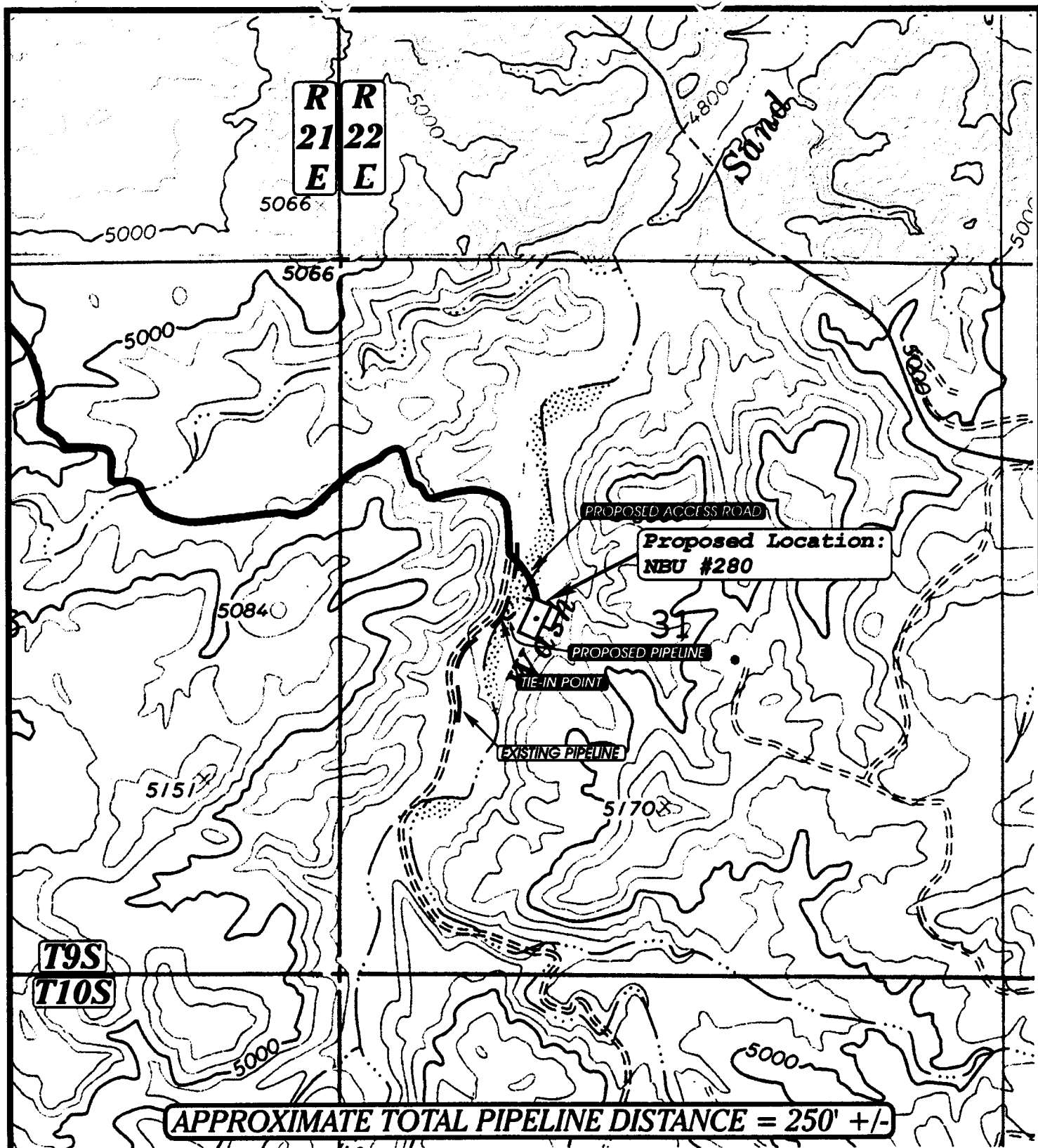
DATE: 2-26-97
Drawn by: J.L.G.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'

COASTAL OIL & GAS CORP.

NBU #280
SECTION 31, T9S, R22E, S.L.B.&M.
2596' FSL 1459' FWL



UEIS

**TOPOGRAPHIC
MAP "D"**

--- Existing Pipeline
- - - Proposed Pipeline



COASTAL OIL & GAS CORP.

**NBU #280
SECTION 31, T9S, R22E, S.L.B.&M.**

**DATE: 3-10-97
Drawn by: J.L.G.**

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-22935-A	
1A. Type of Work <div style="display: flex; justify-content: space-around;"> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> </div>		6. If Indian, Allottee or Tribe Name: N/A	
		7. Unit Agreement Name: Natural Buttes Unit	
8. Type of Well <div style="display: flex; justify-content: space-between;"> OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/> </div>		8. Farm or Lease Name: NBU	
2. Name of Operator: Coastal Oil & Gas Corporation		9. Well Number: 280	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749		10. Field and Pool, or Wildcat Natural Buttes Field	
4. Location of Well (Footages) At surface: 2596' FSL & 1459' FWL At proposed proding zone: 283' 445'		11. Qtr/Qtr, Section, Township, Range, Meridian: NESW Section 31-T9S-R22E	
14. Distance in miles and direction from nearest town or post office: See Topo Map A		12. County Uintah	13. State: Utah
15. Distance to nearest property or lease line (feet): 1459'	16. Number of acres in lease: 160	17. Number of acres assigned to this well: N/A	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Topo Map C	19. Proposed Depth: 6800'	20. Rotary or cable tools: Rotary	
21. Elevations (show whether DR, RT, GR, etc.): Ungraded GR - 4842'		22. Approximate date work will start: Upon Approval	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24. Name & Signature: <u><i>Sheila Bremer</i></u>	Title: <u>Environmental & Safety Analyst</u>	Date: <u>3/27/97</u>
---	--	----------------------

(This space for State use only)

API Number Assigned: 43-047-32865

Approval:

John R. Baya
Petroleum Engineer

4/24/97

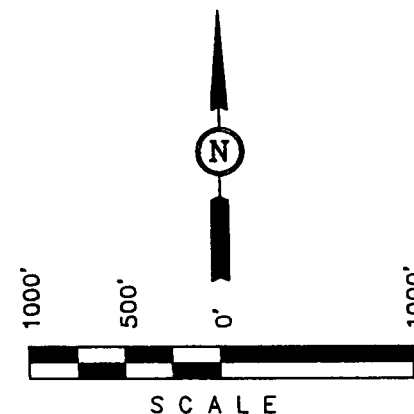
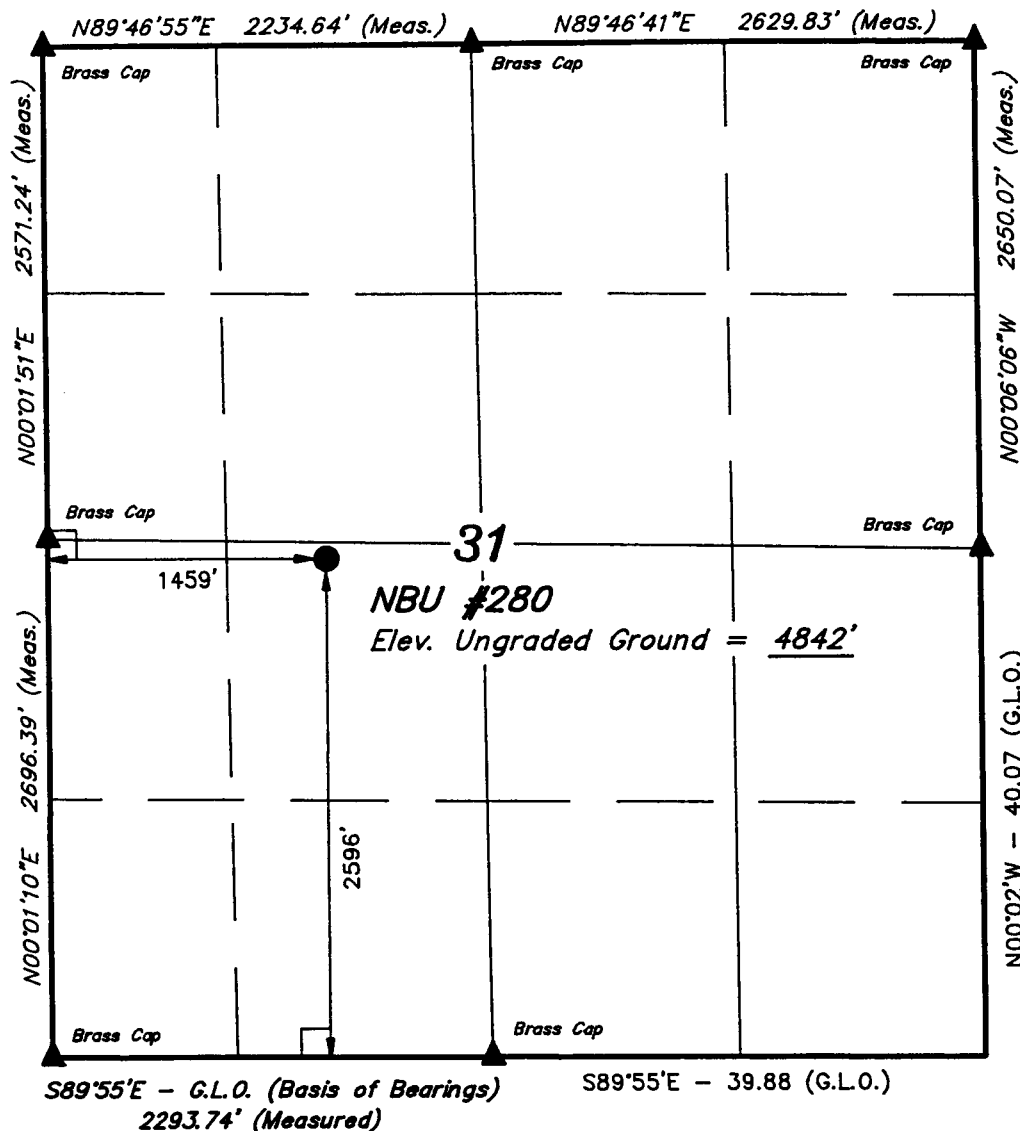
T9S, R22E, S.L.B.&M.

COASTAL OIL & GAS CORP.

Well location, NBU #280, located as shown in the NE 1/4 SW 1/4 of Section 31, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-20-97	DATE DRAWN: 03-07-97
PARTY B.B. D.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/28/97

API NO. ASSIGNED: 43-047-32865

WELL NAME: NBU 280
OPERATOR: COASTAL OIL & GAS (N0230)

PROPOSED LOCATION:

NESW 31 - T09S - R22E
SURFACE: 2596-FSL-1459-FWL
BOTTOM: 2596-FSL-1459-FWL
UINTAH COUNTY
NATURAL BUTTES FIELD (630)

LEASE TYPE: STA
LEASE NUMBER: ML - 22935 - A

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering	SRB	4/24/97
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal[] State☒ Fee[]
(Number 102103)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

☒ R649-2-3. Unit: NATURAL BUTTES
____ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

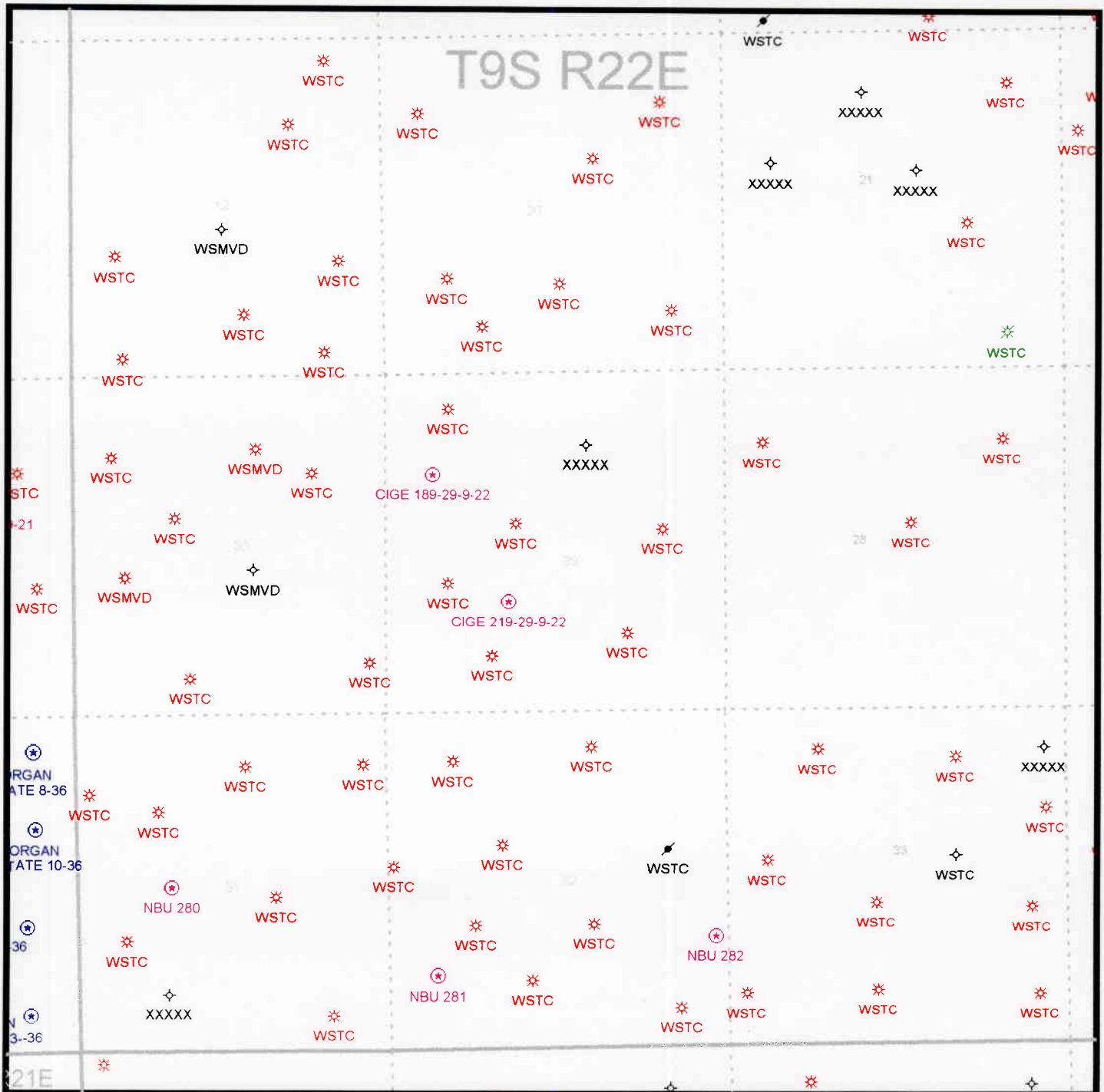
COMMENTS:

Casing design OK, cement program OK.

STIPULATIONS:

1- Statement of basis

OPERATOR: COASTAL (N0230)
FIELD: NATURAL BUTTES (630)
SEC, TWP, RNG: 29,31,32, T9S. R22E
COUNTY: UINTAH
UAC: R649-2-3 NATURAL BUTTES



PREPARED:
DATE:1-APR-97

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.

WELL NAME & NUMBER: NBU 280

API NUMBER: 43-047-32865

LEASE: ML-22935-A FIELD/UNIT: NATURAL BUTTES FIELD.

LOCATION: 1/4, 1/4 NE/SW Sec: 31 TWP: 9S RNG: 22E 2596' FSL 1459' FWL

LEGAL WELL SITING: 'F SEC. LINE; 'F 1/4, 1/4 LINE; 'F ANOTHER WELL.

GPS COORD (UTM) 12629384E 4427762N

SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

PAUL BRESHEARS, SHIELA BREMER (COGC), ROBERT KAY (UELS), HARLEY
JACKSON (JACKSON CONST.), BRENT STUBBS, JOHN FAUSETT, JIM JUSTICE
(DIRT CONTRACTORS), DAVID HACKFORD (DOGM).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON A THE EAST EDGE OF THE FLOOR OF SAND WASH. DRAINAGE IS TO
THE NORTH. HIGH ROCKY RIDGES ARE 300' EAST AND 500' WEST OF SITE.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' X 245.
ACCESS ROAD WILL BE 400'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP
FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: _____
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER
DRILLING WELL. EXISTING PIPELINE IS ADJACENT TO SITE.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE
BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT
WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO
STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE
HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH
BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: GREASEWOOD, NATIVE GRASSES, SALTBRUSH, PRICKLY PEAR,
SAGEBRUSH, RABBITBRUSH; RABBIT, PRONGHORN, RODENTS, COYOTES, BIRDS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY LOAM.

SURFACE FORMATION & CHARACTERISTICS: UINTA FORMATION.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION,
NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): NO LINER WILL BE
REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY METCALF
ARCHAEOLOGICAL CONSULTANTS, INC. A REPORT OF THIS INVESTIGATION WILL BE
PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS

INVESTIGATION WAS DONE ON A COLD WINDY DAY WITH SLIGHT SNOW COVER.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

4/3/97 11:30 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score (Level II Sensitivity)		<u>15</u>

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: COASTAL OIL & GAS CORP.

Name & Number: NBU 280

API Number: 43-047-32865

Location: 1/4, 1/4 NE/SW Sec. 31 T. 9S R. 22E

Geology/Ground Water:

The base of moderately saline water is at a depth of between 2000 feet to 3000 feet. High quality aquifers are generally not present in this area. If water zones are encountered they are discontinuous, yields are low and they are not subject to direct recharge. The proposed casing and cement program will adequately isolate and protect any water zones should they be encountered.

Reviewer: D. Jarvis

Date: 4-18-97

Surface:

The pre-site investigation of the surface was performed by field personnel on 4/3/97. All applicable surface management agencies and landowners have been notified and their concerns accommodated where reasonable and possible. A diversion ditch will be constructed east of the Site for drainage.

Reviewer: DAVID W. HACKFORD

Date: 4/7/97

Conditions of Approval/Application for Permit to Drill:

1. Reserve pit shall be constructed east of the well bore.
2. A diversion ditch will be constructed east of the reserve pit.

4/24/97
SRB

APD Evolution

Natural Bit.Hos Unit # 234-25-9-21
(and other NBU APD's for March '97.)

I. Casing design

A. Production string

4 1/2", 11.6#, K-55, LTC set @ TD = 7000'

Antic. mud wt. = 8.4 ppg \Rightarrow BHP = $(0.052)(8.4)(7000)$

Max. antic. BHP = 3058 psi

Burst str. of casing = 5350 psi

Burst SF = $\frac{5350}{3058} = 1.75 \checkmark$

Collapse str. of casing = 4960 psi

Collapse SF = $\frac{4960}{3058} = 1.62 \checkmark$

Wt. of casing = $(7000)(11.6) = 81,200 \#$

T. str. of casing = 180,000 #

Tension SF = $\frac{180,000}{81,200} = 2.22 \checkmark$

II. Cement program

A. Lead stage: 2.69 CF/sk., 4215' - surface

Vol. bet. 4 1/2" casing & 7 7/8" hole = 0.2278 CF/ft.

Vol. of cement
(100% excess vol.) = $\frac{(4215)(0.2278)(2)}{2.69}$

= 714 sk

B. Tail stage: 1.57 CF/sk., 7000' - 4215'

Vol. of cement
(100% excess vol.) = $\frac{(7000-4215)(0.2278)(2)}{1.57}$

= 808 sk

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS





State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 24, 1997

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, Colorado 80201-0749

Re: NBU 280 Well, 2596' FSL, 1459' FWL, NE SW, Sec. 31,
T. 9 S., R. 22 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32865.

Sincerely,

A handwritten signature in cursive script, reading 'Lowell P. Braxton'.

Lowell P. Braxton
Deputy Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corporation
Well Name & Number: NBU 280
API Number: 43-047-32865
Lease: ML-22935-A
Location: NE SW Sec. 31 T. 9 S. R. 22 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated April 18, 1997 (copy attached).

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-22935-A	
		6. If Indian, Allottee or Tribe Name: N/A	
1A. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. Unit Agreement Name: Natural Buttes Unit	
B. Type of Well OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name: NBU	
2. Name of Operator: Coastal Oil & Gas Corporation		9. Well Number: 280	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455		10. Field and Pool, or Wildcat: Natural Buttes Field	
4. Location of Well (Footages) At surface: 2596' FSL & 1459' FWL At proposed proding zone: _____		11. Qtr/Qtr, Section, Township, Range, Meridian: NESW Section 31-T9S-R22E	
14. Distance in miles and direction from nearest town or post office: See Topo Map A		12. County Utah	13. State: Utah
15. Distance to nearest property or lease line (feet): 1459'	16. Number of acres in lease: 160	17. Number of acres assigned to this well: N/A	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Topo Map C	19. Proposed Depth: 6800'	20. Rotary or cable tools: Rotary	
21. Elevations (show whether DR, RT, GR, etc.): Ungraded GR - 4842'		22. Approximate date work will start: Upon Approval	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

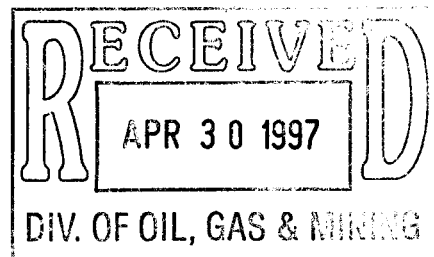
24. Sheila Bremer Environmental & Safety Analyst Date: 3/27/97
Name & Signature Title

(This space for State use only)

API Number Assigned: 43-047-32865

Approval:

APR 29 1997



(See Instructions on Reverse Side)

DOGA
(1993)
66080-77-200

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

ML-22935-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU 280

9. API Well No.

43-047-32865

10. Field and Pool, or exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2596' FSL & 1459' FWL (NESW)
Section 31 T9S-R22E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

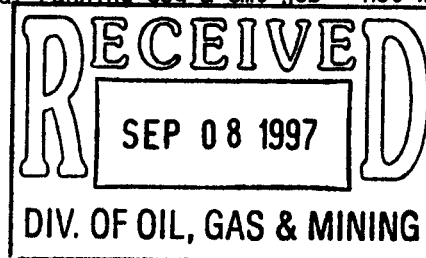
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud Notice
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8/22/97: MIRU Rat Hole rig. Dr1 18" hole to 40'. Set 41' of 14" conductor. Cmt to surface w/65 sx Premium Plus "AG" w/2% CaCl2 & 1/4# Flocele/sx. W0 Cmt. Dr1 11" hole to 255'. PU 8 5/8" GS, 6 jts 8 5/8", 24#, J-55 ST&C w/3 centralizers, total 256'. RU Halco, pump 20 bbls gel, 100 sx Premium Plus "AG" cmt w/2% CaCl2 & 1/4# flocele/sx, 15.6#, 1.18 yield, 20.5 bbls, Drop plug w/1 bbl cmt on top, displace w/15.3 bbls water. Shut well in. Cmt @ surface w/5 bbls left in displacement. Hole staying full. RL Halco.

Notify Utah Division of Oil & Gas 24 hrs prior to spud, running csq & cmt job - not witnessed.
Well spud 8/22/97.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

9/4/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 749

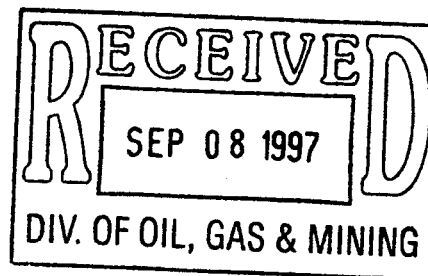
Denver, CO 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02900	43-047-32865	NBU #280	NESW	31	9S	22E	Uintah	8/22/97	8/22/97
WELL 1 COMMENTS: <i>Entities added 9-9-97. Lec</i>											
B	99999	02900	43-047-32911	NBU #291	NENE	9	10S	22E	Uintah	8/22/97	8/22/97
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

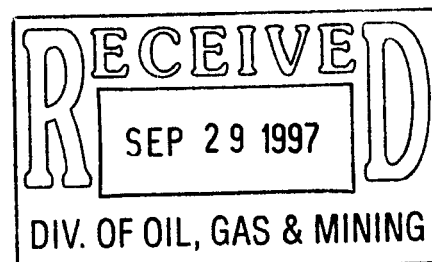
NOTE: Use COMMENT section to explain why each Action Code was selected.



Sheila Bremer
Signature Sheila Bremer
Title Environ. & Safety Analyst Date 9/4/97
Phone No. (303) 573-4455



CORE LABORATORIES



CORE ANALYSIS RESULTS

for

Coastal Oil & Gas Corporation

**NBU #280
Natural Buttes Field
Uintah County, Utah
57122-8120**

43 047 32865

31 095 22E

NESW

DRL



PETROLEUM SERVICES

September 25, 1997

Mr. Bob LaRocque
Coastal Oil & Gas Corp.
600 17th St, Suite 800-S
Denver, CO 80201

Subject:

*Core Analysis Project
NBU #280
Natural Buttes Field
Uintah Co., Utah
File Number: 57122-8120*

Dear Mr. LaRocque:

Core Laboratories was requested to analyze core material obtained from the subject well. The following tests were performed and the results are presented in graphical and tabular formats within this report:

1. Rotary Sidewall Analysis

Thank you for the opportunity to perform this study for Coastal. Should you have any questions pertaining to these test results or if we may be of further assistance, please contact us at (307) 265-2731.

Very truly yours,

A handwritten signature in black ink, appearing to read "David A. Foster", written over a horizontal line.

David A. Foster
Supervisor

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
 Well : NBU #280
 Location : NE SW Sec. 31 T9S R22E
 Co,State : Uintah, Utah

Field : Natural Buttes
 Formation : As Noted
 Coring Fluid : Water Base Mud
 Elevation : 4856 KB

File No.: 57122-8120
 Date : 22-Sep-1997
 API No. :
 Analysts: DF SS

C O R E A N A L Y S I S R E S U L T S

(HYDROSTATIC CONFINEMENT)

SAMPLE NUMBER	DEPTH ft	NOB (800 psi)		POROSITY (HELIUM) %	SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
		K∞	Kair		(PORE VOLUME)				
		md	md		OIL %	WATER %			
Rotary Sidewalls									
Wasatch Fm.									
"A"									
1	5311.0							0.	Sst, Rubble
2	5314.0	0.046	0.078	8.9	2.1	50.5	2.67	0.	Sst gry f-m gr
3	5316.0	0.093	0.144	8.4	0.0	53.8	2.65	4.	Sst gry f-m gr
4	5318.0	0.288	0.408	8.9	0.0	54.8	2.65	2.	Sst gry vf-f gr
5	5321.0							0.	Sst, Rubble
"B"									
6	5390.0	<.001	0.010	8.1	0.0	53.0	2.67	4.	Sst gry vf gr
7	5392.0	0.033	0.048	10.9	0.0	53.1	2.70	8.	Sst gry vf gr
8	5393.0	0.078	0.129	9.3	2.0	49.3	2.66	5.	Sst gry vf-f gr
9	5398.0	0.190	0.030	9.6	0.0	49.8	2.65	9.	Sst gry vf-f gr
10	5400.0	0.034	0.052	9.0	0.0	45.4	2.68	10.	Sst gry vf-f gr
11	5411.0	0.206	0.318	9.2	1.8	41.9	2.65	3.	Sst gry vf-f gr
12	5413.0	0.027	0.041	8.2	0.0	51.9	2.67	10.	Sst gry vf-f gr
13	5417.0	0.028	0.047	8.2	0.0	48.3	2.67	11.	Sst gry vf-f gr

Data, Plug Analysis i - i

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : As Noted

File No.: 57122-8120
Date : 22-Sep-1997

C O R E A N A L Y S I S R E S U L T S

(HYDROSTATIC CONFINEMENT)

SAMPLE NUMBER	DEPTH ft	NOB (800 psi)		POROSITY (HELIUM) %	SATURATION (PORE VOLUME)		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
		K _∞ md	K _{air} md		OIL %	WATER %			
14	5418.0	0.153	0.242	10.5	0.0	50.4	2.66	4.	Sst gry vf-f gr
"C"									
15	5495.0	0.097	0.159	10.1	0.0	50.9	2.66	5.	Sst gry vf-f gr
16	5496.0	0.063	0.108	9.2	0.0	48.8	2.67	6.	Sst gry vf-m gr
17	5498.0	0.040	0.070	8.6	0.0	51.1	2.66	4.	Sst gry vf-f gr
18	5507.0	0.042	0.074	9.4	0.0	50.6	2.67	2.	Sst gry vf-f gr
19	5508.0	0.097	0.154	9.8	0.0	52.9	2.66	2.	Sst gry vf-f gr
20	5516.0	0.079	0.131	9.9	0.0	48.2	2.66	0.	Sst gry vf-f gr
21	5517.0	0.097	0.158	9.9	0.0	50.9	2.66	4.	Sst gry vf-f gr
"D"									
22	5603.0	0.014	0.027	7.3	0.0	57.7	2.67	10.	Sst gry vf-f gr
23	5604.0	0.020	0.030	7.6	0.0	57.5	2.67	6.	Sst gry vf-f gr
24	5606.0	0.009	0.017	6.9	0.0	58.2	2.67	6.	Sst gry vf gr
"E"									
25	5822.0	0.016	0.029	10.0	0.0	58.3	2.69	0.	Sst gry vf gr
26	5824.0	0.023	0.042	9.7	0.0	53.1	2.68	4.	Sst gry vf gr
27	5825.0	0.018	0.034	9.0	0.0	53.4	2.68	5.	Sst gry vf gr
28	5827.0	0.037	0.066	9.9	0.0	50.2	2.67	3.	Sst gry vf gr
29	5829.0	0.073	0.117	9.3	0.0	54.7	2.66	2.	Sst gry vf gr
30	5830.0	0.046	0.081	8.3	0.0	53.5	2.66	0.	Sst gry vf gr
31	5831.0	0.054	0.094	8.3	0.0	54.5	2.66	2.	Sst gry vf gr

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : As Noted

File No.: 57122-8120
Date : 22-Sep-1997

CORE ANALYSIS RESULTS

(HYDROSTATIC CONFINEMENT)

SAMPLE NUMBER	DEPTH ft	NOB (800 psi)		POROSITY (HELIUM) %	SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
		K ∞	Kair		(PORE VOLUME)				
		md	md		OIL %	WATER %			
"F"									
32	6111.0								2. Sst, Rubble
33	6113.0			11.8	0.0	54.2	2.62		1. Sst gry vf gr
34	6115.0	0.263	0.387	8.8	0.0	44.6	2.65		9. Sst gry vf-f gr
20,25,30=Bottle broken upon arrival									
#'s 6,9,23 K _I is calculated									
#33, unsuitable for perm.									

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : "A"

File No.: 57122-8120
Date : 22-Sep-1997

TABLE I

SUMMARY OF CORE DATA

ZONE AND CUTOFF DATA		CHARACTERISTICS REMAINING AFTER CUTOFFS			
ZONE:		ZONE:		PERMEABILITY:	
Identification -----	"A"	Number of Samples -----	3	Flow Capacity -----	0.4 md-ft
Top Depth -----	5314.0 ft	Thickness Represented -	3.0 ft	Arithmetic Average ----	0.142 md
Bottom Depth -----	5319.0 ft	POROSITY:		Geometric Average ----	0.107 md
Number of Samples -----	3			Harmonic Average -----	0.084 md
DATA TYPE:				Minimum -----	0.046 md
Porosity -----	(HELIUM)	Storage Capacity -----	26.2 ϕ -ft	Maximum -----	0.288 md
Permeability -----	K ϕ (800 psi)	Arithmetic Average ----	8.7 %	Median -----	0.093 md
CUTOFFS:		Minimum -----	8.4 %	Standard Dev. (Geom) --	K $\cdot 10^{\pm 0.400}$ md
		Maximum -----	8.9 %	HETEROGENEITY (Permeability):	
		Median -----	8.9 %	Dykstra-Parsons Var. --	0.556
		Standard Deviation ----	± 0.3 %	Lorenz Coefficient ----	0.411
		GRAIN DENSITY:		AVERAGE SATURATIONS (Pore Volume):	
Porosity (Minimum) -----	0.0 %	Arithmetic Average ----	2.66 gm/cc	Oil -----	0.7 %
Porosity (Maximum) -----	100.0 %	Minimum -----	2.65 gm/cc	Water -----	53.0 %
Permeability (Minimum) ---	0.0000 md	Maximum -----	2.67 gm/cc		
Permeability (Maximum) ---	100000. md	Median -----	2.65 gm/cc		
Water Saturation (Maximum)	100.0 %	Standard Deviation ----	± 0.01 gm/cc		
Oil Saturation (Minimum) -	0.0 %				
Grain Density (Minimum) --	2.00 gm/cc				
Grain Density (Maximum) --	3.00 gm/cc				
Lithology Excluded -----	NONE				

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : "A"

File No.: 57122-8120
Date : 22-Sep-1997

TABLE II

SUMMARY OF CORE DATA

ZONE AND CUTOFF DATA		CHARACTERISTICS REMAINING AFTER CUTOFFS			
ZONE:		ZONE:		PERMEABILITY:	
Identification -----	"B"	Number of Samples -----	9	Flow Capacity -----	0.7 md-ft
Top Depth -----	5390.0 ft	Thickness Represented -	9.0 ft	Arithmetic Average ----	0.083 md
Bottom Depth -----	5419.0 ft			Geometric Average -----	0.039 md
Number of Samples -----	9			Harmonic Average -----	0.004 md
		POROSITY:		Minimum -----	0.001 md
DATA TYPE:		Storage Capacity -----	83.0 ϕ -ft	Maximum -----	0.206 md
Porosity -----	(HELIUM)	Arithmetic Average ----	9.2 %	Median -----	0.034 md
Permeability -----	K _w (800 psi)	Minimum -----	8.1 %	Standard Dev. (Geom) --	K-10 [±] 0.796 md
		Maximum -----	10.9 %		
		Median -----	9.2 %		
		Standard Deviation ----	±1.0 %		
CUTOFFS:				HETEROGENEITY (Permeability):	
Porosity (Minimum) -----	0.0 %			Dykstra-Parsons Var. --	0.540
Porosity (Maximum) -----	100.0 %			Lorenz Coefficient ----	0.479
Permeability (Minimum) ---	0.0000 md	GRAIN DENSITY:			
Permeability (Maximum) ---	100000. md	Arithmetic Average ----	2.67 gm/cc	AVERAGE SATURATIONS (Pore Volume):	
Water Saturation (Maximum)	100.0 %	Minimum -----	2.65 gm/cc	Oil -----	0.4 %
Oil Saturation (Minimum) -	0.0 %	Maximum -----	2.70 gm/cc	Water -----	49.3 %
Grain Density (Minimum) --	2.00 gm/cc	Median -----	2.67 gm/cc		
Grain Density (Maximum) --	3.00 gm/cc	Standard Deviation ----	±0.02 gm/cc		
Lithology Excluded -----	NONE				
<p>** Permeabilities less than 0.001 or greater than 3000 md exceed current CMS capabilities. Values exceeding **</p> <p>** limits are assigned permeabilities of 0.0005 and 3500 md respectively for statistical and graphical purposes. **</p>					

TABLE III
SUMMARY OF CORE DATA

ZONE AND CUTOFF DATA		CHARACTERISTICS REMAINING AFTER CUTOFFS					
ZONE:		ZONE:		PERMEABILITY:			
Ident fication -----	"C"	Number of Samples -----	7	Flow Capacity -----	0.5 md-ft		
Top Depth -----	5494.0 ft	Thickness Represented -	7.0 ft	Arithmetic Average ----	0.073 md		
Bottom Depth -----	5518.0 ft	POROSITY:		Geometric Average -----	0.069 md		
Number of Samples -----	7			Harmonic Average -----	0.065 md		
DATA TYPE:				Minimum -----	0.040 md		
Porosity -----	(HELIUM)			Maximum -----	0.097 md		
Permeability -----	K _o (800 psi)			Median -----	0.079 md		
CUTOFFS:		Storage Capacity -----	66.9 ϕ -ft	Standard Dev. (Geom) --	K-10 [±] 0.169 md		
Porosity (Minimum) -----	0.0 %	Arithmetic Average ----	9.6 %	HETEROGENEITY (Permeability):			
Porosity (Maximum) -----	100.0 %	Minimum -----	8.6 %	Dykstra-Parsons Var. --	0.386		
Permeability (Minimum) ---	0.0000 md	Maximum -----	10.1 %	Lorenz Coefficient ----	0.170		
Permeability (Maximum) ---	100000. md	Median -----	9.8 %	AVERAGE SATURATIONS (Pore Volume):			
Water Saturation (Maximum)	100.0 %	Standard Deviation ----	±0.5 %	Oil -----	0.0 %		
Oil Saturation (Minimum) -	0.0 %	GRAIN DENSITY:		Water -----	50.5 %		
Grain Density (Minimum) --	2.00 gm/cc	Arithmetic Average ----	2.66 gm/cc				
Grain Density (Maximum) --	3.00 gm/cc	Minimum -----	2.66 gm/cc				
Lithology Excluded -----	NONE	Maximum -----	2.67 gm/cc				
		Median -----	2.66 gm/cc				
		Standard Deviation ----	±0.00 gm/cc				

TABLE VI
SUMMARY OF CORE DATA

ZONE AND CUTOFF DATA		CHARACTERISTICS REMAINING AFTER CUTOFFS			
ZONE:		ZONE:		PERMEABILITY:	
Identification -----	"F"	Number of Samples -----	2	Flow Capacity -----	0.3 md-ft
Top Depth -----	6110.0 ft	Thickness Represented -	2.0 ft	Arithmetic Average ----	0.263 md
Bottom Depth -----	6116.0 ft			Geometric Average -----	0.263 md
Number of Samples -----	3			Harmonic Average -----	0.263 md
DATA TYPE:		POROSITY:		Minimum -----	0.263 md
Porosity -----	(HELIUM)	Storage Capacity -----	20.6 ϕ -ft	Maximum -----	0.263 md
Permeability -----	K _o (800 psi)	Arithmetic Average ----	10.3 %	Median -----	0.000 md
		Minimum -----	8.8 %	Standard Dev. (Geom) --	K $\cdot 10^{\pm 0.000}$ md
		Maximum -----	11.8 %		
		Median -----	10.3 %	HETEROGENEITY (Permeability):	
		Standard Deviation ----	± 2.1 %	Dykstra-Parsons Var. --	0.000
CUTOFFS:		GRAIN DENSITY:		Lorenz Coefficient ----	0.000
Porosity (Minimum) -----	0.0 %	Arithmetic Average ----	2.63 gm/cc	AVERAGE SATURATIONS (Pore Volume):	
Porosity (Maximum) -----	100.0 %	Minimum -----	2.62 gm/cc	Oil -----	0.0 %
Permeability (Minimum) ---	0.0000 md	Maximum -----	2.65 gm/cc	Water -----	50.1 %
Permeability (Maximum) ---	100000. md	Median -----	2.63 gm/cc		
Water Saturation (Maximum)	100.0 %	Standard Deviation ----	± 0.02 gm/cc		
Oil Saturation (Minimum) -	0.0 %				
Grain Density (Minimum) --	2.00 gm/cc				
Grain Density (Maximum) --	3.00 gm/cc				
Lithology Excluded -----	NONE				

TABLE V

S U M M A R Y O F C O R E D A T A

ZONE AND CUTOFF DATA		CHARACTERISTICS REMAINING AFTER CUTOFFS			
ZONE:		ZONE:		PERMEABILITY:	
Identification -----	"E"	Number of Samples -----	7	Flow Capacity -----	0.3 md-ft
Top Depth -----	5821.0 ft	Thickness Represented -	7.0 ft	Arithmetic Average ----	0.038 md
Bottom Depth -----	5832.0 ft			Geometric Average ----	0.033 md
Number of Samples -----	7			Harmonic Average -----	0.029 md
		POROSITY:		Minimum -----	0.016 md
DATA TYPE:		Storage Capacity -----	64.5 ϕ -ft	Maximum -----	0.073 md
Porosity -----	(HELIUM)	Arithmetic Average ----	9.2 %	Median -----	0.037 md
Permeability -----	K _o (800 psi)	Minimum -----	8.3 %	Standard Dev. (Geom) --	K \cdot 10 ^{±0.249} md
		Maximum -----	10.0 %		
		Median -----	9.3 %		
CUTOFFS:		Standard Deviation ----	±0.7 %	HETEROGENEITY (Permeability):	
Porosity (Minimum) -----	0.0 %			Dykstra-Parsons Var. --	0.471
Porosity (Maximum) -----	100.0 %	GRAIN DENSITY:		Lorenz Coefficient ----	0.297
Permeability (Minimum) ---	0.0000 md	Arithmetic Average ----	2.67 gm/cc		
Permeability (Maximum) ---	100000. md	Minimum -----	2.66 gm/cc	AVERAGE SATURATIONS (Pore Volume):	
Water Saturation (Maximum)	100.0 %	Maximum -----	2.69 gm/cc	Oil -----	0.0 %
Oil Saturation (Minimum) -	0.0 %	Median -----	2.67 gm/cc	Water -----	54.0 %
Grain Density (Minimum) --	2.00 gm/cc	Standard Deviation ----	±0.01 gm/cc		
Grain Density (Maximum) --	3.00 gm/cc				
Lithology Excluded -----	NONE				

TABLE IV
S U M M A R Y O F C O R E D A T A

ZONE AND CUTOFF DATA			CHARACTERISTICS REMAINING AFTER CUTOFFS		
ZONE:			ZONE:		
Identification -----	"D"		Number of Samples -----	3	
Top Depth -----	5602.0 ft		Thickness Represented -	3.0 ft	
Bottom Depth -----	5607.0 ft				
Number of Samples -----	3				
DATA TYPE:			POROSITY:		
Porosity -----	(HELIUM)		Storage Capacity -----	21.8 ϕ -ft	
Permeability -----	K _o (800 psi)		Arithmetic Average ----	7.3 %	
			Minimum -----	6.9 %	
			Maximum -----	7.6 %	
			Median -----	7.3 %	
			Standard Deviation ---	± 0.4 %	
CUTOFFS:			GRAIN DENSITY:		
Porosity (Minimum) -----	0.0 %		Arithmetic Average ----	2.67 gm/cc	
Porosity (Maximum) -----	100.0 %		Minimum -----	2.67 gm/cc	
Permeability (Minimum) ---	0.0000 md		Maximum -----	2.67 gm/cc	
Permeability (Maximum) ---	100000. md		Median -----	2.67 gm/cc	
Water Saturation (Maximum)	100.0 %		Standard Deviation ---	± 0.00 gm/cc	
Oil Saturation (Minimum) -	0.0 %				
Grain Density (Minimum) --	2.00 gm/cc				
Grain Density (Maximum) --	3.00 gm/cc				
Lithology Excluded -----	NONE				
			PERMEABILITY:		
			Flow Capacity -----	0.0 md-ft	
			Arithmetic Average ----	0.014 md	
			Geometric Average ----	0.014 md	
			Harmonic Average -----	0.013 md	
			Minimum -----	0.009 md	
			Maximum -----	0.020 md	
			Median -----	0.014 md	
			Standard Dev. (Geom) --	K $\cdot 10^{\pm 0.172}$ md	
			HETEROGENEITY (Permeability):		
			Dykstra-Parsons Var. --	0.405	
			Lorenz Coefficient ----	0.167	
			AVERAGE SATURATIONS (Pore Volume):		
			Oil -----	0.0 %	
			Water -----	57.8 %	

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
 Well : NBU #280
 Location : NE SW Sec. 31 T9S R22E
 Co,State : Uintah, Utah

Field : Natural Buttes
 Formation : As Noted
 Coring Fluid : Water Base Mud
 Elevation : 4856 KB

File No.: 57122-8120
 Date : 22-Sep-1997
 API No. :
 Analysts: DF SS

C M S - 3 0 0 T E S T D A T A

SAMPLE NUMBER	DEPTH ft	NOB PRESSURE psi	PORE VOLUME cc	POROSITY %	K _∞ md	K _{air} (est) md	b (He) psi	BETA ft(-1)	ALPHA microns
2	5314.0	800.0			0.046	0.078	47.16	6.4112E13	9.48282E3
3	5316.0	800.0			0.093	0.144	36.20	1.1887E13	3.52668E3
4	5318.0	800.0			0.288	0.408	25.09	8.5571E11	7.90213E2
6	5390.0	800.0			<.001	0.010			
7	5392.0	800.0			0.033	0.048	31.64	1.6287E15	1.73520E5
8	5393.0	800.0			0.078	0.129	43.18	1.9309E13	4.82623E3
9	5398.0	800.0			0.190	0.030			
10	5400.0	800.0			0.034	0.052	38.51	9.6341E14	1.03641E5
11	5411.0	800.0			0.206	0.318	33.36	1.9550E12	1.29182E3
12	5413.0	800.0			0.027	0.041	37.96	1.5268E15	1.31908E5
13	5417.0	800.0			0.028	0.047	49.23	6.3783E14	5.74911E4
14	5418.0	800.0			0.153	0.242	36.96	4.0303E12	1.96749E3
15	5495.0	800.0			0.097	0.159	41.64	1.3415E13	4.15336E3
16	5496.0	800.0			0.063	0.108	47.90	3.0283E13	6.07901E3

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : As Noted

File No.: 57122-8120
Date : 22-Sep-1997

C M S - 3 0 0 T E S T D A T A

SAMPLE NUMBER	DEPTH ft	NOB PRESSURE psi	PORE VOLUME cc	POROSITY %	K _∞ md	K _{air} (est) md	b (He) psi	BETA ft(-1)	ALPHA microns
17	5498.0	800.0			0.040	0.070	52.40	1.1134E14	1.42768E4
18	5507.0	800.0			0.042	0.074	53.59	8.7884E13	1.17802E4
19	5508.0	800.0			0.097	0.154	38.66	1.1111E13	3.43181E3
20	5516.0	800.0			0.079	0.131	43.99	1.6906E13	4.24500E3
21	5517.0	800.0			0.097	0.158	41.17	1.1982E13	3.71230E3
22	5603.0	800.0			0.014	0.027	67.68	5.3116E14	2.22584E4
23	5604.0	800.0			0.020	0.030			
24	5606.0	800.0			0.009	0.017	64.23	1.2185E15	3.25787E4
25	5822.0	800.0			0.016	0.029	57.93	7.6225E14	3.93496E4
26	5824.0	800.0			0.023	0.042	58.63	3.9457E14	2.92066E4
27	5825.0	800.0			0.018	0.034	64.52	4.3934E14	2.59188E4
28	5827.0	800.0			0.037	0.066	55.52	4.3142E13	5.08531E3
29	5829.0	800.0			0.073	0.117	41.13	8.9150E12	2.06924E3
30	5830.0	800.0			0.046	0.081	52.05	5.3800E13	7.90424E3
31	5831.0	800.0			0.054	0.094	50.59	2.6848E13	4.35435E3

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : As Noted

File No.: 57122-8120
Date : 22-Sep-1997

C M S - 3 0 0 T E S T D A T A

SAMPLE NUMBER	DEPTH ft	NOB PRESSURE psi	PORE VOLUME cc	POROSITY %	K ∞ md	Kair(est) md	b (He) psi	BETA ft(-1)	ALPHA microns
34	6115.0	800.0			0.263	0.387	28.56	1.1099E12	9.38854E2

CORE LABORATORIES

Company : Coastal Oil & Gas Corp.
Well : NBU #280

Field : Natural Buttes
Formation : As Noted

File No.: 57122-8120
Date : 22-Sep-1997

ANALYTICAL PROCEDURES AND QUALITY ASSURANCE

HANDLING & CLEANING

Core Transportation : Hot Shot Service(truck)
Solvent : Toluene
Extraction Equipment : Dean Stark
Extraction Time : 3 Hours
Drying Equipment : Humidity Oven
Drying Time : 12 Hours
Drying Temperature : 48C(wet) 63C(dry)

ANALYSIS

Grain volume measured by Boyle's Law in a matrix cup using He
Bulk volume by Archimedes Principle
Water saturations by Dean Stark
Oil saturations by weight difference in Dean Stark

CORE MEASUREMENT SYSTEM (CMS-300)

$$\text{Porosity} = \frac{\text{Directly Measured Pore Volume}}{\text{Bulk Volume}} \times 100$$

$$\text{Porosity} = \frac{\text{Helium Injected Into Pore Space By CMS}}{\text{CMS Pore Volume} + \text{Boyle's Law Grain Volume}}$$

NOTE: The second porosity equation corrects for bulk volume reduction as overburden pressure is applied.

k_{∞} = Equivalent, non-reactive, liquid permeability determined by the CMS at up to eight designated net overburden confining stresses. This is an improved flow capacity indicator since gas slippage effects present at low laboratory pore pressure (and not in the reservoir) have been eliminated.

k_{air} = A calculated air permeability approximating historical core analysis permeability data. k_{air} is an optimistic value. Low pore pressures in historical laboratory measurements result in gas slippage not present at reservoir conditions and create artificially high permeability values.

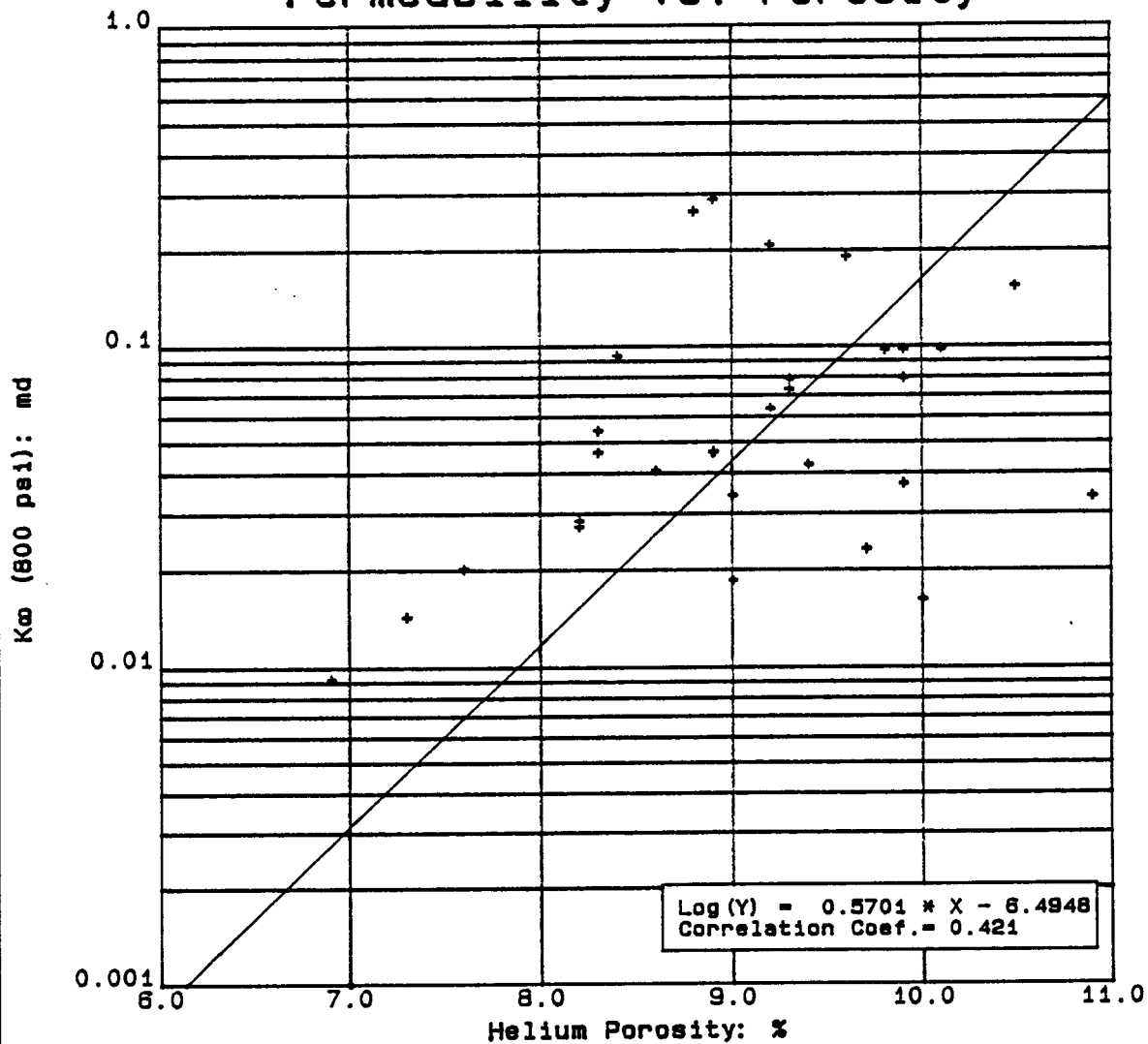
b = A term dependent on (1) pore geometry and (2) type of gas utilized in the permeability measurement that links k_{∞} and k_{air} as follows.

$$k_{\text{air}} = k_{\infty} \left(1 + \frac{b_{\text{air}}}{P_{\text{mean}}} \right)$$

P_{mean} = The mean pore pressure which is equivalent to the average of the upstream and downstream pressure of the core being tested. This value is lower in a typical laboratory determination than in the reservoir.

Beta = Forchheimer inertial term, needed to account for lost flow rate due to gas inertial and/or kinetic effects as gas flows through rock pores.

Permeability vs. Porosity



Coastal Oil & Gas Corp.

NBU #280

Natural Buttes

Wasatch (5309-6118 feet)

Core Laboratories

22-Sep-1997

- LEGEND -
Wasatch

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

ML-22935-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU 280

9. API Well No.

43-047-32865

10. Field and Pool, or exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2596' FSL & 1459' FWL (NESW)

Section 31 T9S-R22E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

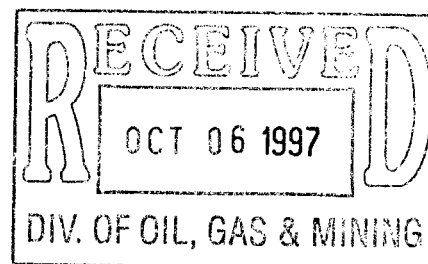
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Drilling Operations
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached chronological history for work performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

10/2/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 9/18/97 MD : 4.955 TVD : DAYS : 8 MW : 8.4 VISC : 26
 DAILY : DC : \$11.462 CC : \$0 TC : \$11.462 CUM : DC : \$132.173 CC : \$0 TC : \$132.173
 DAILY DETAILS : DRLG 4400-4595' SURVEY 2 4550' 3/4 DEGS RS DRLG 4595-4955'

REPORT DATE : 9/17/97 MD : 5.459 TVD : DAYS : 9 MW : 8.5 VISC : 26
 DAILY : DC : \$12.694 CC : \$0 TC : \$12.694 CUM : DC : \$144.867 CC : \$0 TC : \$144.867
 DAILY DETAILS : DRLG 4955-5090' SURVEY @ 5045' 3/4 DEGS RS DRLG 5090-5459' POOH. DB: 5165-72',
 5176-83', 5220-60', 5300-20', 5380-422'.

REPORT DATE : 9/18/97 MD : 5.890 TVD : DAYS : 10 MW : 8.5 VISC : 26
 DAILY : DC : \$18.931 CC : \$0 TC : \$18.931 CUM : DC : \$163.798 CC : \$0 TC : \$163.798
 DAILY DETAILS : TRIP F/BIT #4 & WASH 45'/BTM. DRILLING 5459'-5890'.

REPORT DATE : 9/19/97 MD : 6.360 TVD : DAYS : 11 MW : 8.5 VISC : 26
 DAILY : DC : \$14.004 CC : \$0 TC : \$14.004 CUM : DC : \$177.802 CC : \$0 TC : \$177.802
 DAILY DETAILS : DRLG 5890-5985' SURVEY @ 5940' 1 DEG RS DRLG 5985-6360'. DB: 6101-6108'

REPORT DATE : 9/20/97 MD : 6.600 TVD : DAYS : 12 MW : 8.5 VISC : 26
 DAILY : DC : \$11.330 CC : \$0 TC : \$11.330 CUM : DC : \$189.132 CC : \$0 TC : \$189.132
 DAILY DETAILS : DRLG 6360'-6579'. RIG SERVICE. DRLG 6579'-6600'. CIRC & LOUD. SHORT TRIP T/4250.
 CIRC & SPOT 400 BBL 10# GEL BRINE. POOH. R/U LOGGERS.

REPORT DATE : 9/21/97 MD : 6.800 TVD : DAYS : 13 MW : 8.6 VISC : 26
 DAILY : DC : \$40.255 CC : \$0 TC : \$40.255 CUM : DC : \$229.387 CC : \$0 TC : \$229.387
 DAILY DETAILS : LOGGING W/SCHLUMBERGER. 1ST PLATFORMA EXPRESS LOGGERS. TD 6596'. MAX TEMP 144.
 2ND SIDEWALL CONE - CUT 34 CORES. TIH. L/D DRILL STRING

REPORT DATE : 9/22/97 MD : 6.800 TVD : DAYS : 14 MW : 0.0 VISC : 0
 DAILY : DC : \$58.991 CC : \$0 TC : \$58.991 CUM : DC : \$288.377 CC : \$0 TC : \$288.377
 DAILY DETAILS : L/D DRILL STRING. R/U T&M CASERS AND RAN 143 JTS. 5 1/2 17# J-55 W/GEMOCO FLOAT QU.
 1 SHOE JT. 30 CENTRALIZERS TOTAL STRING 8602.66'. CIRC & COND. W/O DOWELL PUMP
 TRUCK (PUMPS QUIT ON 1ST TRUCK) CMT PUMT 10 BBL GAL WATER. 80 BBLs FLUSH LEAD
 475 SK HR/FT WT 12# YIELD 2.66 BBLs. 225 TAIL 640 SK SALTSTRESS II WT 14.5. YIELD 1.53
 BBLs 175-DROP PLUGS. DISP W/16 BBLs ACETIC ACID & 137 BBL 2% KLL-PLUG BUMPED-FLOATS
 HELD. LOST ROT ON DISP. PIPE WAS RECIPROCATED. SET 5 1/2 CSG SLIP W/100,000. CUT
 OFF CSG & CLEAN MUD TANKS. RDRT-RIG RELEASED @2:00 AM.

REPORT DATE : 9/23/97 MD : 6.600 TVD : DAYS : 15 MW : 0.0 VISC : 0
 DAILY : DC : \$6.981 CC : \$0 TC : \$6.981 CUM : DC : \$295.358 CC : \$0 TC : \$295.358
 DAILY DETAILS : RDRT, WORK ON RIG & WO TRUCKS TO MOVE.

WELL CHRONOLOGY REPORT

WELL NAME : NBU #280
DISTRICT : DRLG
FIELD : NATURAL BUTTES
LOCATION :
COUNTY & STATE : UTAH
UT
CONTRACTOR :
WI% : AFE# : 27163
API# : 43 047 32865
PLAN DEPTH :
SPUD DATE : 8/22/97
DHC : CWC :
AFE TOTAL :
FORMATION :
REPORT DATE : 8/23/97
MD : 254
TVD :
DAYS : 1
MW :
VISC :
DAILY : DC : \$7,499
CC : \$0
TC : \$7,499
CUM : DC : \$7,499
CC : \$0
TC : \$7,499

DAILY DETAILS : MI & RU RATHOLE RIG. DRL 18" HOLE TO 40'. SET 41' OF 14" CONDUCTOR. CMT TO SURF W/85 SXS PREM PLUG "AG" W/2% CACL2 & 1/4# FLOCELE/SX. WO CMT. DRILL 11" HOLE TO 255'. PU 8 5/8" GUIDE SHOE, 6 JTS 8 5/8" 24# J55 ST&C W/3 CENTRALIZERS, TOTAL 256'. RU HALCO. PMP 20 BBLs GEL, 100 SXS PREM PLUG "AG" CMT W/2% CACL2 & 1/4# FLOCELE/SX, 15.0#, 1.18 YIELD, 20.5 BBLs. DROP PLUG W/1 BBL CMT ON TOP. DISPL W/15.3 BBLs WTR. SHUT WELL IN. CMT @ SURF W/5 BBLs LEFT IN DISPLACEMENT. HOLE STAYING FULL. RD HALCO. NOTIFIED UTAH DIVISION OF OIL & GAS 24 HRS PRIOR TO SPUD. RUNNING CSG & CMT JOB. NOT WITNESSED.

REPORT DATE : 9/10/97
MD : 268
TVD :
DAYS : 2
MW :
VISC :
DAILY : DC : \$17,141
CC : \$0
TC : \$17,141
CUM : DC : \$24,640
CC : \$0
TC : \$24,640

DAILY DETAILS : MI FROM MS 9-36 & RURT CHANGE HYDRIL RUBBER TEST BOP'S

REPORT DATE : 9/11/97
MD : 1,385
TVD :
DAYS : 3
MW : 8.4
VISC : 27
DAILY : DC : \$26,279
CC : \$0
TC : \$26,279
CUM : DC : \$50,919
CC : \$0
TC : \$50,919

DAILY DETAILS : PRESS TEST BOP'S TO 2000, HYDRIL & 8 5/8" CSG TO 1500 PU BHA INSTALL ROT HEAD DRLG CMT 226-268' DRLG 268-832' RS DRLG 832-1040' SURVEY 2 995' DRLG 1040-1376' RESTART COMPRESSORS & UNLOAD HOLE DRLG 1376-1385'

REPORT DATE : 9/12/97
MD : 2,103
TVD :
DAYS : 4
MW : 8.4
VISC : 27
DAILY : DC : \$15,472
CC : \$0
TC : \$15,472
CUM : DC : \$66,391
CC : \$0
TC : \$66,391

DAILY DETAILS : CIRC TRIP FOR BIT #2 RIG REPAIR CHANGE PMP UNLOAD HOLE W&R 60' TO BTM DRLG 1385-1532' SURVEY @ 1487' 1 DEGS DRLG 1532-1593' TIGHTEN ROT HEAD DRLG 1593-1625' UNLOAD HOLE DRLG 1625-2031' SURVEY @ 1995' 1 DEG DRLG 2031-2103'

REPORT DATE : 9/13/97
MD : 2,893
TVD :
DAYS : 5
MW : 8.4
VISC : 27
DAILY : DC : \$25,599
CC : \$0
TC : \$25,599
CUM : DC : \$91,990
CC : \$0
TC : \$91,990

DAILY DETAILS : DRLG 2103-2621' SURVEY 2 2576' DRLG 2621-2893' POOH FOR BIT #3. HIT WTR @ 1350'

REPORT DATE : 9/14/97
MD : 3,557
TVD :
DAYS : 6
MW : 8.4
VISC : 28
DAILY : DC : \$17,017
CC : \$0
TC : \$17,017
CUM : DC : \$109,007
CC : \$0
TC : \$109,007

DAILY DETAILS : TIH W&R 60' TO BTM DRLG 2893-3051' SURVEY @ 3008' 1 1/4 DEGS DRLG 3051-3557'

REPORT DATE : 9/15/97
MD : 4,400
TVD :
DAYS : 7
MW : 8.4
VISC : 28
DAILY : DC : \$11,704
CC : \$0
TC : \$11,704
CUM : DC : \$120,711
CC : \$0
TC : \$120,711

DAILY DETAILS : DRLG 3557-3575' SURVEY @ 3530' DRLG 3575-3913' RS DRLG 3913-4098' SURVEY @ 4050' DRLG 4098-4400'

UNITED STATES
DEPARTMENT OF THE INTERIOR
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FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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5. Lease Designation and Serial No.

ML-22935-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU 280

9. API Well No.

43-047-32865

10. Field and Pool, or exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2596' FSL & 1459' FWL (NESW)
Section 31 T9S-R22E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

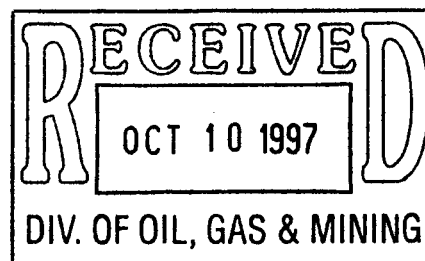
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other First production
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production of the well occurred on 10/2/97.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title Environmental & Safety Analyst

Date 10/6/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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Natural Buttes Unit

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NBU 280

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43-047-32865

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Natural Buttes Field

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Uintah UT

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P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

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2596' FSL & 1459' FWL (NESW)

Section 31 T9S-R22E

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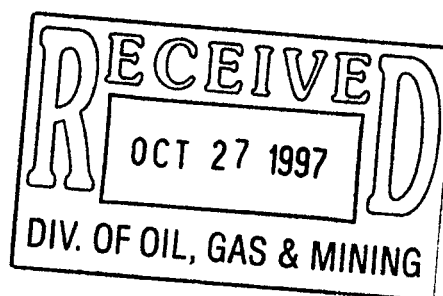
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Please see the attached chronological history for work performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

10/21/97

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PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 9/30/97 MD : 6.600 TVD : DAYS : 16 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$7.403 TC : \$7.403 CUM : DC : \$295.358 CC : \$7.403 TC : \$302.761

DAILY DETAILS : INSTALL ANCHORS & CLEAN UP LOCATION. MI & RU COLO. WELL SERVICE RIG #26. NU BOP.
 PU & RIH W/4 3/4" MILL & 73 JTS 2 3/8" J55 TBG TO 2300'. SDFN.

REPORT DATE : 10/1/97 MD : 6.600 TVD : DAYS : 17 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$7.315 TC : \$7.315 CUM : DC : \$295.358 CC : \$14.718 TC : \$310.076

DAILY DETAILS : FIN RIH W/TBG & MILL. TAG PBTD @ 6548'. CIRC HOLE W/150 BBLS FILTERED 3% KCL WTR.
 CIRC OUT 16 BBLS ACETIC ACID. LAST 2-3 BBLS ACID BLACK & CMT COLORED. POOH & LD
 MILL MI & RU SCHLUMBERGER. RAN GR-CCL-CBL LOG FROM LTD @ 6646' TO 2200' W/1000 PSI
 ON CSG. GOOD BOND 6546' TO 5493' FAIR. POOR BOND FROM 5493' TO 5392' (55%-85% BOND).
 FREE PIPE FROM 5392' TO 5302'. GOOD BOND FROM 5302' TO 5020' & FAIR - GOOD BOND FROM
 5020' TO TOP OF CMT @ 2435'. RD & MO SCHLUMBERGER PRESS TEST CSG & BOP TO 5000
 PSI SDFN

REPORT DATE : 10/2/97 MD : 6.600 TVD : DAYS : 18 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$14.850 TC : \$14.850 CUM : DC : \$295.358 CC : \$29.568 TC : \$324.926

DAILY DETAILS : WAIT ON ORDERS RU SCHLUMBERGER. PERF 16 INTERVALS 1 SPF W/4" PORT PLUG GUN AS
 FOLLOWS: 5176, 5184, 5314, 5318, 5398, 5411, 5418, 5424, 5495, 5508, 5517, 5605, 5823, 5829,
 6113, 6115 RD WL. RIH W/TBG TO 6109'. RU DOWELL. SPOT 1000 GAL 15% HCL ACROSS
 PERFS. LD EXTRA TBG & LAND TBG @ 5108' (162 JTS) W/NOTCHED COLLAR ON BTM. PSN 1 JT
 ABOVE & 10' BLAST JT ON TOP. ND BOP. NU WH. RU DOWELL. BRK DN PERFS W/1000 GAL
 15% HCL W/32 BALL SEALERS. INJ RATE 10 BPM @ 4400 PSI. BALLED OFF TO 5000 PSI.
 SURGED OFF BALLS. FINISHED FLUSH. ISIP 780 PSI, 5 MIN SIP 515 PSI, 10 MIN SIP 412 PSI, 15
 MIN SIP 385 PSI. FLOWED BACK 10 BW IN 1/2 HR & DIED RU SWB. MADE 2 RUNS. REC 38 BW.
 WELL KICKED OFF. IFL & FFL 2 SURF SICIP 0, FTP 350 PSI, 24/64" CK, 20 BW/HR SICIP 100
 PSI, FTP 450 PSI, 20/64" CK, 10 BW/HR SICIP 200 PSI, FTP 450 PSI, 20/64" CK, 5 BW/HR BBLS
 FLUID PMPD DAILY: 126, BBLS FLUID REC DAILY 83, BBLS LEFT TO RECOVER DAILY: 43, PH: 3

TIME.....CP.....TP..CK...BWPD..SAND

8 PM.....450...250...18...3.....N

10 PM.....500...250...18...3.....N

12 PM.....550...300...18...3.....N

2 AM.....600...400...18...3.....N

4 AM.....580...310...18...3.....N

5 AM.....580...280...18...3.....N

GAS RATE: 500 MCF/D, TOTAL WATER 113 BBLS, TOTAL LOAD TO RECOVER 13 BBLS

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 10/3/97 MD : 6.600 TVD : DAYS : 19 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$103.520 TC : \$103.520 CUM : DC : \$295.358 CC : \$133.088 TC : \$428.446

DAILY DETAILS : RD & MO COLO WELL SERVICE RIG #26. MI & RU DOWELL FRAC EQUIP HOLD SAFETY MEETING. TEST LINES TO 6000 PSI. FRAC WASATCH PERFS 5176-6115' W/68,100 GAL WF-130 + 30% CO2 & 265,280# 20/40 SAND. RAMPED 2 PPG TO 6 PPG. AVG INJ RATE 34.5 BPM @ 2600 PSI. MAX PRESS 2752 PSI, ISIP 1222 PSI, 5 MIN SIP 1176 PSI, 10 MIN SIP 1153 PSI, 15 MIN SIP 1130 PSI. RD & MO DOWELL. LEAVE WELL SHUT IN 3 HRS START FLOW BACK ON 18/64" CHOKE.

BBLs FLUID PMPD DAILY 1730, BBLs LEFT TO RECOVER DAILY 1730

TIME...CP...TP...CK...BWPD...SAND

4 PM...720...700...18...15....."T"
 5 PM...620...610...18...15....."T" CHECK CHOKE
 7 PM...500...600...18...15....."T"
 8 PM...420...620...18...15....."T"
 9 PM...360...640...18...15....."T"
 10 PM...280...640...18...15....."L-T" CHECK CHOKE
 11 PM...280...640...18...15....."T"
 12 AM...280...640...18...15....."L"
 1 AM...180...640...18...15....."L-T"
 2 AM...180...640...18...15....."T" CHECK CHOKE
 3 AM...180...640...18...15....."T"
 4 AM...180...640...18...10....."T"
 6 AM...300...640...18...10....."T"

GAS RATE: 450 MCF/D; TOTAL WATER 190 BBLs; TOTAL LOAD TO RECOVER 1583 BBLs
 BBLs BLUID PMPD DAILY 1730, BBLs LEFT TO RECOVER DAILY 1730

REPORT DATE : 10/4/97 MD : 6.600 TVD : DAYS : 20 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$103.520 TC : \$103.520 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966

DAILY DETAILS : ...TIME...CP...TP...CK...BWPH...SAND

5 PM...1160...700...18...10.....T CHECK CHOKE
 7 PM...1190...710...18...10.....T
 8 PM...1180...790...18...10.....T
 9 PM...1160...790...18...10.....T
 10 PM...1150...825...18...10.....T CHECK CHOKE
 11 PM...1140...800...18...10.....T
 12 PM...1110...750...18...10.....T
 1 AM...1090...750...18...10.....T
 2 AM...1060...750...18...10.....T CHECK CHOKE
 3 AM...1025...720...18...10.....T
 4 AM...1000...650...18...10.....L-T, SURGING WATER
 5 AM...1000...690...18...10.....L-T
 6 AM...1000...720...18...10.....T

DAILY WELL FLOW REPORT: 10/4/97 1:30 PM, FTP 1300, SICP 1150, CHOKE 10, GAS 879 MCF, SALES LINE TEMP 80, PRESS 102, PROD LINE TEMP 73, PRESS 1300, AMBIENT TEMP 70, ORIFICE PLATE 1.250, DIFFERENTIAL 85", STATIC 102, NEW WELL INITIAL FLOW 879 MCF, ON SALES LINE 2 1:30 PM 10/4/97.

REPORT DATE : 10/5/97 MD : 6.600 TVD : DAYS : 21 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966

DAILY DETAILS : FLWG 258 MCF, 0 BW, FTP 950#, CP 950#, 18/64" CHK, LLTR 1303 BBLs.

REPORT DATE : 10/6/97 MD : 6.600 TVD : DAYS : 22 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966

DAILY DETAILS : FLWG 721 MCF, 100 BW, FTP 575#, CP 740#, 18/64" CHK, 24 HRS, LLTR 1203 BBLs.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 10/7/97 MD : 6.600 TVD : DAYS : 23 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 712 MCF, 53 BW, FTP 500#, CP 725#, 25/64" CHK, LLTR 1150 BBLS.

REPORT DATE : 10/8/97 MD : 6.600 TVD : DAYS : 24 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 693 MCF, 90 BW, FTP 400#, CP 640#, 30/64" CHK, LLTR 1060 BBLS.

REPORT DATE : 10/9/97 MD : 6.600 TVD : DAYS : 25 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 637 MCF, 85 BLW, FTP 375#, CP 575#, 30/64" CHK, LLTR 975 BBLS.

REPORT DATE : 10/10/97 MD : 6.600 TVD : DAYS : 26 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 595 MCF, 50 BW, FTP 350#, CP 550#, 30/64" CHK, 24 HRS.

REPORT DATE : 10/11/97 MD : 6.600 TVD : DAYS : 27 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 559 MCF, 18 BW, FTP 325#, CP 560#, 30/64" CHK, 24 HRS.

REPORT DATE : 10/12/97 MD : 6.600 TVD : DAYS : 28 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 556 MCF, 17 BW, FTP 320#, CP 320#, CP 550#, 30/64" CHK, 24 HRS, LLTR 890 BBLS.

REPORT DATE : 10/13/97 MD : 6.600 TVD : DAYS : 29 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 550 MCF, 85 BW, FTP 300#, CP 475#, 30/64" CHK, 24 HRS, LLTR 805 BBLS.

REPORT DATE : 10/14/97 MD : 6.600 TVD : DAYS : 30 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 527 MCF, 12 BW, FTP 300#, CP 475#, 30/64" CHK, 24 HRS, LLTR 793 BBLS.

REPORT DATE : 10/15/97 MD : 6.600 TVD : DAYS : 31 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 507 MCF, 13 BW, FTP 275#, CP 375#, 30/64" CHK, 24 HRS, LLTR 780 BBLS. IP DATE:
 10/06/97: FLWD 721 MCF, 100 BW, FTP 575#, CP 740#, 17/64" CHK, 24 HRS. FINAL REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

43-047-32865

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached spreadsheet

5. Lease Designation and Serial No.

See attached spreadsheet

6. If Indian, Allottee or Tribe Name

See attached spreadsheet

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached spreadsheet

9. API Well No.

See attached spreadsheet

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

The Operator requests approval to empty produced water into tanks on the listed locations. The produced water will then be transported by truck to the underground injection well NBU #159, located at NE/SW Section 35, T9S-R21E, for disposal. Furthermore, the Operator requests approval for the presence of small unlined pits, approximate dimensions of 7' x 7' x 4' deep, to be located immediately adjacent to the stock tanks on the listed locations. The small pits may be necessary to drain off water from the stock tanks at the time of condensate sales. The water will be emptied from the small pit and trucked to the NBU #159 disposal well. The volume of water to be disposed of at each facility will not exceed an average of 5 barrels per day on a monthly basis, in conformance with the requirements of Onshore Order #7.

The listed locations include all wells listed in a Request to Dispose Water sundry dated 10/11/96, as well as all wells drilled to date in the Operator's 1997 drilling program in the Natural Buttes field.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 12-1-97
By: [Signature] 10/28/97

14. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Senior Environmental Analyst

Bonnie Carson

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Date

must meet pit lining guidelines

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Section	Township	Range	Field	County
CIGE #105D-1-10-22E	43-047-31758	U-011336	N/A	842' FNL & 2095' FWL	NENW	1	10	22	Natural Buttes	Uintah
CIGE #114-34-9-21	43-047-31915	ST U-01194-A	N/A	1931' FSL & 535' FEL	NESE	34	9	21	Natural Buttes	Uintah
CIGE #118-35-9-22	43-047-32025	U-010954-A	N/A	2116' FSL & 615' FEL	NESE	35	9	22	Natural Buttes	Uintah
CIGE #124-9-9-21	43-047-32045	U-01188	Ute Tribe Surface	1854' FSL & 1819' FEL	NWSE	9	9	21	Natural Buttes	Uintah
CIGE #129-18-9-21	43-047-32043	U-0581	Ute Tribe Surface	928' FNL & 1837' FWL	NENW	18	9	21	Natural Buttes	Uintah
CIGE #130-19-9-21	43-047-32030	U-0581	Ute Tribe Surface	772' FNL & 714' FEL	NENE	19	9	21	Natural Buttes	Uintah
CIGE #140-16-10-21	43-047-31977	ST ML-10755	N/A	380' FNL & 591' FEL	NENE	16	10	21	Natural Buttes	Uintah
CIGE #144-2-10-22	43-047-32022	ST ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	2	10	22	Natural Buttes	Uintah
CIGE #149-8-10-21	43-047-32056	U-01791	N/A	833' FNL & 2011' FEL	NWNE	8	10	21	Natural Buttes	Uintah
CIGE #161-2-10-22	43-047-32168	ST ML-22651	N/A	297' FSL & 1033' FEL	SESE	2	10	22	Natural Buttes	Uintah
CIGE #164-34-9-22	43-047-32353	U-0149077	N/A	660' FNL & 1739' FWL	NENW	34	9	22	Natural Buttes	Uintah
CIGE #178-5-10-22	43-047-32330	U-01195	N/A	926' FWL & 685' FNL	NWNW	5	10	22	Natural Buttes	Uintah
CIGE #180-16-9-21	43-047-32478	ST ML-3141	N/A	333' FSL & 2557' FWL	SESW	16	9	21	Natural Buttes	Uintah
CIGE #183-20-9-21	43-047-32656	U-0575	Ute Tribe Surface	1725' FSL & 2386' FEL	SWSE	20	9	21	Natural Buttes	Uintah
CIGE #187-13-10-20	43-047-32607	U-4485	N/A	900' FNL & 2200' FWL	NENW	13	10	20	Natural Buttes	Uintah
CIGE #189-29-9-22	43-047-32813	USA U-462	N/A	1574' FNL & 720' FWL	SWNW	29	9	22	Natural Buttes	Uintah
CIGE #194-1-10-22	43-047-32932	USA U-011336	N/A	2017' FNL & 61' FWL	SWNW	1	10	22	Natural Buttes	Uintah
CIGE #197-7-9-21	43-07-32798	U-0149747	N/A	854' FNL & 2178' FEL	NWNE	7	9	21	Natural Buttes	Uintah
CIGE #198-9-9-21	43-047-32799	U-01188	Ute Tribe Surface	2502' FSL & 772' FEL	NESE	9	9	21	Natural Buttes	Uintah
CIGE #199-14-9-21	43-047-32801	U-01193	Ute Tribe Surface	959' FNL & 1760' FWL	NENW	14	9	21	Natural Buttes	Uintah
CIGE #200-16-9-21	43-047-32802	U-38409	Ute Tribe Surface	1950' FNL & 2500' FWL	SENW	16	9	21	Natural Buttes	Uintah
CIGE #201-18-9-21	43-047-32804	U-0575	Ute Tribe Surface	1814' FNL & 944' FEL	SENE	18	9	21	Natural Buttes	Uintah
CIGE #202-21-9-21	43-047-32805	U-0575	Ute Tribe Surface	785' FSL & 471' FEL	SESE	21	9	21	Natural Buttes	Uintah
CIGE #204-35-9-21	43-047-32794	ML-22582	N/A	2055' FNL & 1604' FEL	SWNE	35	9	21	Natural Buttes	Uintah
CIGE #205-1-10-21	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SWNE	1	10	21	Natural Buttes	Uintah
CIGE #221-36-9-22	43-047-32868	ML-22650	N/A	550' FSL & 514' FEL	NESW	13	9	21	Natural Buttes	Uintah
CIGE #235-25-9-21	43-047-32858	U-01194-ST	N/A	1900' FSL & 1800' FEL	NWSE	25	9	21	Natural Buttes	Uintah
CIGE #236-34-9-21	43-047-32861	U-01194-A-ST	N/A	428' FSL & 882' FEL	SESE	34	9	21	Natural Buttes	Uintah
CIGE #23-7-10-22	43-047-30333	ST ML-23609	N/A	1573' FNL & 1024' FEL	SENE	7	10	22	Natural Buttes	Uintah
CIGE #25-34-9-22	43-047-30737	U-0149077	N/A	2037' FNL & 1608' FWL	SENW	34	9	22	Natural Buttes	Uintah
CIGE #3-32-9-22	43-047-30320	ST ML-22649	N/A	2270' FNL & 900' FEL	SENE	32	9	22	Natural Buttes	Uintah
CIGE #43-14-10-22	43-047-30491	U-01197-A-ST	N/A	1437' FWL & 1416' FNL	NW	14	10	22	Natural Buttes	Uintah
CIGE #59-21-10-21	43-047-30548	U-02278	N/A	809' FSL & 1081' FWL	SWSW	21	10	21	Natural Buttes	Uintah
CIGE #6-19-9-21 (GR)	43-047-30356	U-0581	N/A	1122' FSL & 1542' FEL	SWSE	19	9	21	Natural Buttes	Uintah
CIGE #63D-29-9-22P	43-047-30949	U-462	N/A	521' FNL & 977' FWL	NWNW	29	9	22	Natural Buttes	Uintah
CIGE #9-36-9-22	43-047-30419	ST ML-22650	N/A	2090' FSL & 1852' FEL	NWSE	36	9	22	Natural Buttes	Uintah
CIGE #97D-31-9-22	43-047-31729	U-01530-A-ST	N/A	548' FSL & 907' FEL	SESE	31	9	22	Natural Buttes	Uintah
Morgan State #10-36	43-047-32816	ML-22265	N/A	1794' FNL & 649' FEL	SENE	36	9	21	Natural Buttes	Uintah
Morgan State #11-36	43-047-32813	ML-22265	N/A	1943' FSL & 1843' FEL	NESW	36	9	21	Natural Buttes	Uintah
Morgan State #12-36	43-047-32814	ML-22265	N/A	1992' FSL & 722' FEL	NESE	36	9	21	Natural Buttes	Uintah
Morgan State #13-36	43-047-32817	ML-22265	N/A	540' FSL & 815' FEL	SESE	36	9	21	Natural Buttes	Uintah
Morgan State #2-36	43-047-32585	ST ML-22265	N/A	900' FNL & 804' FWL	NWNW	36	9	21	Natural Buttes	Uintah
Morgan State #4-36	43-047-32729	ST ML-22265	N/A	1912' FSL & 649' FWL	NWSW	36	9	21	Natural Buttes	Uintah
Morgan State #5-36	43-047-32735	ST ML-22265	N/A	2100' FSL & 1800' FEL	NWSE	36	9	21	Natural Buttes	Uintah
Morgan State #8-36	43-047-32812	ML-22265	N/A	650' FNL & 690' FEL	NENE	36	9	21	Natural Buttes	Uintah
Morgan State #9-36	43-047-32815	ML-22265	N/A	1894' FNL & 1978' FEL	SWNE	36	9	21	Natural Buttes	Uintah
NBU #105	43-047-32302	U-0575	N/A	1026' FSL & 1011' FWL	SWSW	17	9	21	Natural Buttes	Uintah
NBU #113	43-047-31931	U-0149077	N/A	580' FSL & 854' FEL	SESE	34	9	22	Natural Buttes	Uintah
NBU #118	43-047-31969	U-5077-B	Ute Tribe Surface	1700' FNL & 660' FEL	SENE	22	9	20	Natural Buttes	Uintah
NBU #12	43-047-30119	U-461	N/A	1563' FSL & 2328' FEL	NWSE	18	9	22	Natural Buttes	Uintah

NBU #121	43-047-32086	UTU-01193	Ute Tribe Surface	819' FNL & 2163' FEL	NWNE	13	9	21	Natural Buttes	Uintah
NBU #123	43-047-31974	U-01188	N/A	827' FNL & 916' FWL	NWNW	15	9	21	Natural Buttes	Uintah
NBU #131	43-047-31966	U-0149075	Ute Tribe Surface	1699' FSL & 800' FWL	NWSW	23	9	21	Natural Buttes	Uintah
NBU #134	43-047-32011	U-0576	N/A	138' FSL & 836' FWL	SWSW	28	9	21	Natural Buttes	Uintah
NBU #140	43-047-31947	U-01191-A	N/A	1031' FNL & 1879' FEL	NWNE	5	10	22	Natural Buttes	Uintah
NBU #148	43-047-31983	U-01191	N/A	279' FSL & 2127' FWL	SESW	4	10	22	Natural Buttes	Uintah
NBU #150	43-047-31992	U-01196-B	N/A	2042' FNL & 2002' FWL	SENW	9	10	22	Natural Buttes	Uintah
NBU #152	43-047-31990	U-01196-D	N/A	815' FSL & 754' FEL	SESE	9	10	22	Natural Buttes	Uintah
NBU #153	43-047-31975	ST U-01197-A	N/A	2500' FNL & 974' FWL	SWNW	11	10	22	Natural Buttes	Uintah
NBU #18	43-047-30221	U-025187	N/A	2401' FWL & 2337' FSL	SWNE	10	10	22	Natural Buttes	Uintah
NBU #180	43-047-32113	U-025187	N/A	843' FSL & 2075' FEL	SWSE	10	10	22	Natural Buttes	Uintah
NBU #182	43-047-32162	U-0141315	N/A	1809' FNL & 1519' FWL	SENW	11	9	21	Natural Buttes	Uintah
NBU #185	43-047-32171	U-01191-A	N/A	2132' FNL & 2126' FEL	SWNE	3	10	22	Natural Buttes	Uintah
NBU #187	43-047-32230	U-0149077	N/A	1057' FSL & 2321' FWL	SESW	34	9	22	Natural Buttes	Uintah
NBU #188	43-047-32234	U-01196-C	N/A	699' FWL & 1248' FSL	SWSW	10	10	22	Natural Buttes	Uintah
NBU #189	43-047-32236	U-0149075	Ute Tribe Surface	1551' FWL & 1064' FSL	SESW	23	9	21	Natural Buttes	Uintah
NBU #198	43-047-32357	U-010950-A	N/A	2041' FEL & 2107' FSL	NWSE	22	9	21	Natural Buttes	Uintah
NBU #201	43-047-32364	U-0149767	Ute Tribe Surface	2310' FNL & 500' FWL	SWNW	9	9	21	Natural Buttes	Uintah
NBU #206	43-047-32341	U-01196-C	N/A	2209' FNL & 303' FWL	SWNW	10	10	22	Natural Buttes	Uintah
NBU #207	43-047-32329	ST U-01197	N/A	912' FNL & 1685' FWL	NENW	10	10	22	Natural Buttes	Uintah
NBU #208	43-047-32343	U-01191	N/A	790' FSL & 569' FEL	SESE	4	10	22	Natural Buttes	Uintah
NBU #210	43-047-32340	U-01196-C	N/A	1956' FSL & 2060' FWL	NESW	10	10	22	Natural Buttes	Uintah
NBU #216	43-047-32487	U-010950-A	Ute Tribe Surface	1875' FSL & 1665' FWL	NESW	15	9	21	Natural Buttes	Uintah
NBU #223	43-047-32517	U-01194-ST	N/A	514' FNL & 2174' FWL	NENW	26	9	21	Natural Buttes	Uintah
NBU #228	43-047-32636	U-0575	Ute Tribe Surface	660' FSL & 1843' FEL	SWSE	17	9	21	Natural Buttes	Uintah
NBU #229	43-47-32594	U-01191-A	N/A	1019' FNL & 1712' FEL	NWNE	3	10	22	Natural Buttes	Uintah
NBU #230A	43-047-32908	U-01191-A	N/A	1849' FNL & 677' FEL	SENE	3	10	22	Natural Buttes	Uintah
NBU #231	43-047-32561	U-01191-A-ST	N/A	966' FNL & 1539' FEL	NWNE	10	10	22	Natural Buttes	Uintah
NBU #252	43-047-32800	U-0141315	Ute Tribal Surface	641' FNL & 1845' FWL	NENW	10	9	21	Natural Buttes	Uintah
NBU #254	43-047-32803	U-0575	Ute Tribal Surface	1840' FNL & 2014' FWL	NESW	17	9	21	Natural Buttes	Uintah
NBU #255	43-047-32806	U-0575	Ute Tribal Surface	642' FSL & 1235' FWL	SESW	21	9	21	Natural Buttes	Uintah
NBU #256	43-047-32807	U-0147566	Ute Tribal Surface	2213' FNL & 2312' FWL	SENW	22	9	21	Natural Buttes	Uintah
NBU #257	43-047-32790	ST U-01194	N/A	1756' FNL & 2150' FWL	SENW	25	9	21	Natural Buttes	Uintah
NBU #258	43-047-32791	ST U-01194	N/A	1880' FNL & 211' FEL	SENE	26	9	21	Natural Buttes	Uintah
NBU #259	43-047-32792	ST U-01194	N/A	2300' FNL & 1850' FEL	SWNE	26	9	21	Natural Buttes	Uintah
NBU #263	43-047-32793	ST U-01194-A	N/A	1641' FNL & 1832' FWL	SENW	34	9	21	Natural Buttes	Uintah
NBU #265	43-047-32796	ML-13826	N/A	1953' FSL & 632' FEL	NESE	2	10	21	Natural Buttes	Uintah
NBU #270	43-047-32862	ML-23608	N/A	1963' FNL & 801' FWL	SWNW	13	10	21	Natural Buttes	Uintah
NBU #280	43-047-32865	ML-32935-A	N/A	2596' FSL & 1459' FWL	NESW	31	9	22	Natural Buttes	Uintah
NBU #289	43-047-32910	U-01191	N/A	463' FSL & 2023' FWL	SESW	3	10	22	Natural Buttes	Uintah
NBU #291	43-047-32911	U-1196-D	N/A	457' FNL & 570' FEL	NENE	9	10	22	Natural Buttes	Uintah
NBU #38N2	43-047-30536	U-08512-ST	N/A	1752' FWL & 1768' FSL	CSW	13	10	22	Natural Buttes	Uintah
NBU #80V	43-047-31240	U-0149077	N/A	2042' FSL & 984' FWL	NWSW	34	9	22	Natural Buttes	Uintah
NBU #86J	43-047-31251	U-01191-A	N/A	492' FNL & 722' FEL	NENE	3	10	22	Natural Buttes	Uintah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. ML-22935-A	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation				7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS AND TELEPHONE NO. P.O. Box 749, Denver, CO 80201-0749				8. FARM OR LEASE NAME, WELL NO. NBU 280	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2596' FSL & 1459' FWL (NESW) At top prod. interval reported below At total depth				9. API WELL NO. 430-047-32865	
<div style="border: 2px solid black; padding: 5px; text-align: center;">RECEIVED NOV 07 1997 DIV. OF OIL, GAS & MINING</div>				10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 31, T9S-R22E	
14. PERMIT NO. 43-047-32865				13. STATE Utah	
15. DATE SPUDDED 8/22/97		16. DATE T.D. REACHED 9/20/97		17. DATE COMPL. (Ready to prod.) 10/5/97	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4841.7' ungraded GR		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 6,600'		21. PLUG, BACK T.D., MD & TVD 6,548'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Wasatch: 5176-6115' <i>ARRAY INDUCTION FLUID ENTRY SURVEY</i> <i>CONTINUABLE MAGNETIC RESONANCE TOOL MONITOR</i>				25. WAS DIRECTIONAL SURVEY MADE Single shot	
26. TYPE ELECTRIC AND OTHER LOGS RUN HALS/LDT/CNL/GR/CAL, GR/CCL/CBL <i>PLATFORM EXPRESS ANSWER PRODUCT QUICK LOG</i> <i>MECHANICAL SIDEWALL CORING TOOL MONITOR LOG</i>				27. WAS WELL CORED Yes - sidewall	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
14", K55		40'	18"	See attached chrono - 8/22/97	
8 5/8", J55	24#	255'	11"	See attached chrono - 8/22/97	
5 1/2", J55	17#	6600'	7 7/8"	See attached chrono - 9/22/97	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	5108'				
31. PERFORATION RECORD (Interval, size and number)					
5176, 5184, 5314, 5318, 5398, 5411, 5418, 5424, 5495, 5508, 5517, 5605, 5823, 5829, 6113, 6115. (1 spf, 16 holes)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
5176-6115'			See chrono - 10/2 & 10/3/97		
33.* PRODUCTION					
DATE FIRST PRODUCTION 10/2/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 10/6/97	HOURS TESTED 24	CHOKE SIZE 17/64"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 0	GAS - MCF. 721
WATER - BBL. 100	GAS - OIL RATIO				
FLOW. TUBING PRESS. 575#	CASING PRESSURE 740#	CALCULATED 24-HOUR RATE →	OIL - BBL. 0	GAS - MCF. 721	WATER - BBL. 100
OIL GRAVITY - API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Chronological history					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <i>Sheila Bremer</i> TITLE <i>Environmental & Safety Analyst</i> DATE <i>11/5/97</i>					

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch			34 sidewall cores taken from the gross interval of 4201-6115'.	Wasatch	4396' (-459 MSL)	

PERC**WELL CHRONOLOGY REPORT****WELL NAME : NBU #280**FIELD : NATURAL BUTTESCOUNTY & STATE : UINTAHWI% : AFE# : 27163

DHC : CWC :

API# : 43 047 32865

AFE TOTAL :

DISTRICT : DRLG

LOCATION :

CONTRACTOR :

PLAN DEPTH :

FORMATION :

SPUD DATE : 8/22/97**REPORT DATE : 8/22/97**MD : 254

TVD :

DAYS : 1

MW :

VISC :

DAILY : DC : \$7,499CC : \$0TC : \$7,499CUM : DC : \$7,499CC : \$0TC : \$7,499

DAILY DETAILS : MI & RU RATHOLE RIG. DRL 18" HOLE TO 40'. SET 41' OF 14" CONDUCTOR. CMT TO SURF W/65 SXS PREM PLUG "AG" W/2% CACL2 & 1/4# FLOCELE/SX. WO CMT. DRILL 11" HOLE TO 255'. PU 8 5/8" GUIDE SHOE, 6 JTS 8 5/8" 24# J55 ST&C W/3 CENTRALIZERS, TOTAL 256'. RU HALCO. PMP 20 BBLs GEL, 100 SXS PREM PLUG "AG" CMT W/2% CACL2 & 1/4# FLOCELE/SX, 15.6#, 1.18 YIELD, 20.5 BBLs. DROP PLUG W/1 BBL CMT ON TOP. DISPL W/15.3 BBLs WTR. SHUT WELL IN. CMT @ SURF W/5 BBLs LEFT IN DISPLACEMENT. HOLE STAYING FULL. RD HALCO. NOTIFIED UTAH DIVISION OF OIL & GAS 24 HRS PRIOR TO SPUD, RUNNING CSG & CMT JOB. NOT WITNESSED.

REPORT DATE : 9/10/97MD : 268

TVD :

DAYS : 2

MW :

VISC :

DAILY : DC : \$17,141CC : \$0TC : \$17,141CUM : DC : \$24,640CC : \$0TC : \$24,640

DAILY DETAILS : MI FROM MS 9-36 & RURT CHANGE HYDRIL RUBBER TEST BOP'S

REPORT DATE : 9/11/97MD : 1,385

TVD :

DAYS : 3MW : 8.4VISC : 27DAILY : DC : \$26,279CC : \$0TC : \$26,279CUM : DC : \$50,919CC : \$0TC : \$50,919

DAILY DETAILS : PRESS TEST BOP'S TO 2000, HYDRIL & 8 5/8" CSG TO 1500 PU BHA INSTALL ROT HEAD DRLG CMT 226-268' DRLG 268-832' RS DRLG 832-1040' SURVEY 2 995' DRLG 1040-1376' RESTART COMPRESSORS & UNLOAD HOLE DRLG 1376-1385'

REPORT DATE : 9/12/97MD : 2,103

TVD :

DAYS : 4MW : 8.4VISC : 27DAILY : DC : \$15,472CC : \$0TC : \$15,472CUM : DC : \$66,391CC : \$0TC : \$66,391

DAILY DETAILS : CIRC TRIP FOR BIT #2 RIG REPAIR CHANGE PMP UNLOAD HOLE W&R 60' TO BTM DRLG 1385-1532' SURVEY @ 1487' 1 DEGS DRLG 1532-1593' TIGHTEN ROT HEAD DRLG 1593-1625' UNLOAD HOLE DRLG 1625-2031' SURVEY @ 1995' 1 DEG DRLG 2031-2103'

REPORT DATE : 9/13/97MD : 2,893

TVD :

DAYS : 5MW : 8.4VISC : 27DAILY : DC : \$25,599CC : \$0TC : \$25,599CUM : DC : \$91,990CC : \$0TC : \$91,990

DAILY DETAILS : DRLG 2103-2621' SURVEY 2 2576' DRLG 2621-2893' POOH FOR BIT #3. HIT WTR @ 1350'

REPORT DATE : 9/14/97MD : 3,557

TVD :

DAYS : 6MW : 8.4VISC : 26DAILY : DC : \$17,017CC : \$0TC : \$17,017CUM : DC : \$109,007CC : \$0TC : \$109,007

DAILY DETAILS : TIH W&R 60' TO BTM DRLG 2893-3051' SURVEY @ 3006' 1 1/4 DEGS DRLG 3051-3557'

REPORT DATE : 9/15/97MD : 4,400

TVD :

DAYS : 7MW : 8.4VISC : 26DAILY : DC : \$11,704CC : \$0TC : \$11,704CUM : DC : \$120,711CC : \$0TC : \$120,711

DAILY DETAILS : DRLG 3557-3575' SURVEY @ 3530' DRLG 3575-3913' RS DRLG 3913-4098' SURVEY @ 4050' DRLG 4098-4400'

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 9/16/97 MD : 4.955 TVD : DAYS : 8 MW : 8.4 VISC : 26
 DAILY : DC : \$11.462 CC : \$0 TC : \$11.462 CUM : DC : \$132.173 CC : \$0 TC : \$132.173
 DAILY DETAILS : DRLG 4400-4595' SURVEY 2 4550' 3/4 DEGS RS DRLG 4595-4955'

REPORT DATE : 9/17/97 MD : 5.459 TVD : DAYS : 9 MW : 8.5 VISC : 26
 DAILY : DC : \$12.694 CC : \$0 TC : \$12.694 CUM : DC : \$144.867 CC : \$0 TC : \$144.867
 DAILY DETAILS : DRLG 4955-5090' SURVEY @ 5045' 3/4 DEGS RS DRLG 5090-5459' POOH. DB: 5165-72',
 5176-83', 5220-60', 5300-20', 5380-422'.

REPORT DATE : 9/18/97 MD : 5.890 TVD : DAYS : 10 MW : 8.5 VISC : 26
 DAILY : DC : \$18.931 CC : \$0 TC : \$18.931 CUM : DC : \$163.798 CC : \$0 TC : \$163.798
 DAILY DETAILS : TRIP F/BIT #4 & WASH 45'/BTM. DRILLING 5459'-5890'.

REPORT DATE : 9/19/97 MD : 6.360 TVD : DAYS : 11 MW : 8.5 VISC : 26
 DAILY : DC : \$14.004 CC : \$0 TC : \$14.004 CUM : DC : \$177.802 CC : \$0 TC : \$177.802
 DAILY DETAILS : DRLG 5890-5985' SURVEY @ 5940' 1 DEG RS DRLG 5985-6360'. DB: 6101-6108'

REPORT DATE : 9/20/97 MD : 6.600 TVD : DAYS : 12 MW : 8.5 VISC : 26
 DAILY : DC : \$11.330 CC : \$0 TC : \$11.330 CUM : DC : \$189.132 CC : \$0 TC : \$189.132
 DAILY DETAILS : DRLG 6360'-6579'. RIG SERVICE. DRLG 6579'-6600'. CIRC & COND. SHORT TRIP T/4250.
 CIRC & SPOT 400 BBL 10# GEL BRINE. POOH. R/U LOGGERS.

REPORT DATE : 9/21/97 MD : 6.600 TVD : DAYS : 13 MW : 8.6 VISC : 26
 DAILY : DC : \$40.255 CC : \$0 TC : \$40.255 CUM : DC : \$229.387 CC : \$0 TC : \$229.387
 DAILY DETAILS : LOGGING W/SCHLUMBERGER. 1ST PLATFORM EXPRESS LOGGERS. TD 6596'. MAX TEMP 144.
 2ND SIDEWALL CORE - CUT 34 CORES. TIH. L/D DRILL STRING

REPORT DATE : 9/22/97 MD : 6.600 TVD : DAYS : 14 MW : 0.0 VISC : 0
 DAILY : DC : \$58.991 CC : \$0 TC : \$58.991 CUM : DC : \$288.377 CC : \$0 TC : \$288.377
 DAILY DETAILS : L/D DRILL STRING. R/U T&M CASERS AND RAN 143 JTS. 5 1/2 17# J-55 W/GEMOCO FLOAT QU.
 1 SHOE JT. 30 CENTRALIZERS TOTAL STRING 6602.66'. CIRC & COND. W O DOWELL PUMP
 TRUCK (PUMPS QUIT ON 1ST TRUCK) CMT PUMT 10 BBL GAL WATER. 80 BBL FLUSH LEAD
 475 SK HI-LIFT WT 12# YIELD 2.66 BBLs. 225 TAIL 640 SK SELFSTRESS II WT 14.5. YIELD 1.53
 BBLs 175-DROP PLUGS. DISP W/16 BBLs ACETIC ACID & 137 BBL 2% KCL-PLUG BUMPED-
 FLOATS HELD. LOST RET ON DISP. PIPE WAS RECIPROCATED. SET 5 1/2 CSG SLIP W/100,
 000. CUT OFF CSG & CLEAN MUD TANKS. RDRT-RIG RELEASED @ 2:00 AM.

REPORT DATE : 9/23/97 MD : 6.600 TVD : DAYS : 15 MW : 0.0 VISC : 0
 DAILY : DC : \$6.981 CC : \$0 TC : \$6.981 CUM : DC : \$295.358 CC : \$0 TC : \$295.358
 DAILY DETAILS : RDRT, WORK ON RIG & WO TRUCKS TO MOVE.

REPORT DATE : 9/24/97 MD : 6.600 TVD : DAYS : 32 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$0 TC : \$295.358
 DAILY DETAILS : FROM 9/24/97 TO 9/29/97 SETTING SFC FACILITIES.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 9/30/97 MD : 6.600 TVD : DAYS : 16 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$7.403 TC : \$7.403 CUM : DC : \$295.358 CC : \$7.403 TC : \$302.761
 DAILY DETAILS : INSTALL ANCHORS & CLEAN UP LOCATION. MI & RU COLO. WELL SERVICE RIG #26. NU BOP.
 PU & RIH W/4 3/4" MILL & 73 JTS 2 3/8" J55 TBG TO 2300'. SDFN.

REPORT DATE : 10/1/97 MD : 6.600 TVD : DAYS : 17 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$7.315 TC : \$7.315 CUM : DC : \$295.358 CC : \$14.718 TC : \$310.076
 DAILY DETAILS : FIN RIH W/TBG & MILL. TAG PBTD @ 6548'. CIRC HOLE W/150 BBLs FILTERED 3% KCL WTR.
 CIRC OUT 16 BBLs ACETIC ACID. LAST 2-3 BBLs ACID BLACK & CMT COLORED. POOH & LD
 MILL MI & RU SCHLUMBERGER. RAN GR-CCL-CBL LOG FROM LTD @ 6646' TO 2200' W/1000 PSI
 ON CSG. GOOD BOND 6546' TO 5493' FAIR. POOR BOND FROM 5493' TO 5392' (55%-85% BOND).
 FREE PIPE FROM 5392' TO 5302'. GOOD BOND FROM 5302' TO 5020' & FAIR - GOOD BOND FROM
 5020' TO TOP OF CMT @ 2435'. RD & MO SCHLUMBERGER PRESS TEST CSG & BOP TO 5000
 PSI SDFN

REPORT DATE : 10/2/97 MD : 6.600 TVD : DAYS : 18 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$14.850 TC : \$14.850 CUM : DC : \$295.358 CC : \$29.568 TC : \$324.926
 DAILY DETAILS : WAIT ON ORDERS RU SCHLUMBERGER. PERF 16 INTERVALS 1 SPF W/4" PORT PLUG GUN AS
 FOLLOWS: 5176, 5184, 5314, 5318, 5398, 5411, 5418, 5424, 5495, 5508, 5517, 5605, 5823, 5829,
 6113, 6115 RD WL. RIH W/TBG TO 6109'. RU DOWELL. SPOT 1000 GAL 15% HCL ACROSS
 PERFS. LD EXTRA TBG & LAND TBG @ 5108' (162 JTS) W/NOTCHED COLLAR ON BTM. PSN 1 JT
 ABOVE & 10' BLAST JT ON TOP. ND BOP. NU WH. RU DOWELL. BRK DN PERFS W/1000 GAL
 15% HCL W/32 BALL SEALERS. INJ RATE 10 BPM @ 4400 PSI. BALLED OFF TO 5000 PSI.
 SURGED OFF BALLS. FINISHED FLUSH. ISIP 780 PSI, 5 MIN SIP 515 PSI, 10 MIN SIP 412 PSI, 15
 MIN SIP 385 PSI. FLOWED BACK 10 BW IN 1/2 HR & DIED RU SWB. MADE 2 RUNS. REC 38 BW.
 WELL KICKED OFF. IFL & FFL 2 SURF SICP 0, FTP 350 PSI, 24/64" CK, 20 BW/HR SICP 100
 PSI, FTP 450 PSI, 20/64" CK, 10 BW/HR SICP 200 PSI, FTP 450 PSI, 20/64" CK, 5 BW/HR BBLs
 FLUID PMPD DAILY: 126, BBLs FLUID REC DAILY 83, BBLs LEFT TO RECOVER DAILY: 43, PH: 3
 TIME.....CP.....TP..CK...BWPD..SAND
 8 PM....450...250...18...3.....N
 10 PM....500...250...18...3.....N
 12 PM....550...300...18...3.....N
 2 AM....600...400...18...3.....N
 4 AM....580...310...18...3.....N
 5 AM....580...280...18...3.....N
 GAS RATE: 500 MCF/D, TOTAL WATER 113 BBLs, TOTAL LOAD TO RECOVER 13 BBLs

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 10/3/97 MD : 6.600 TVD : DAYS : 19 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$103.520 TC : \$103.520 CUM : DC : \$295.358 CC : \$133.088 TC : \$428.446

DAILY DETAILS : RD & MO COLO WELL SERVICE RIG #26. MI & RU DOWELL FRAC EQUIP HOLD SAFETY MEETING. TEST LINES TO 6000 PSI. FRAC WASATCH PERFS 5176-6115' W/68,100 GAL WF-130 + 30% CO2 & 265,280# 20/40 SAND. RAMPED 2 PPG TO 6 PPG. AVG INJ RATE 34.5 BPM @ 2600 PSI. MAX PRESS 2752 PSI, ISIP 1222 PSI, 5 MIN SIP 1176 PSI, 10 MIN SIP 1153 PSI, 15 MIN SIP 1130 PSI RD & MO DOWELL. LEAVE WELL SHUT IN 3 HRS START FLOW BACK ON 18/64" CHOKE. BBLs FLUID PMPD DAILY 1730, BBLs LEFT TO RECOVER DAILY 1730
 TIME...CP...TP...CK...BWPD...SAND
 4 PM...720...700...18...15....."T"
 5 PM...620...610...18...15....."T" CHECK CHOKE
 7 PM...500...600...18...15....."T"
 8 PM...420...620...18...15....."T"
 9 PM...360...640...18...15....."T"
 10 PM...280...640...18...15....."L-T" CHECK CHOKE
 11 PM...280...640...18...15....."T"
 12 AM...280...640...18...15....."L"
 1 AM...180...640...18...15....."L-T"
 2 AM...180...640...18...15....."T" CHECK CHOKE
 3 AM...180...640...18...15....."T"
 4 AM...180...640...18...10....."T"
 6 AM...300...640...18...10....."T"
 GAS RATE: 450 MCF/D; TOTAL WATER 190 BBLs; TOTAL LOAD TO RECOVER 1583 BBLs
 BBLs FLUID PMPD DAILY 1730, BBLs LEFT TO RECOVER DAILY 1730

REPORT DATE : 10/4/97 MD : 6.600 TVD : DAYS : 20 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$103.520 TC : \$103.520 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966

DAILY DETAILS : ...TIME...CP...TP...CK...BWPH...SAND
 5 PM...1160...700...18...10.....T CHECK CHOKE
 7 PM...1190...710...18...10.....T
 8 PM...1180...790...18...10.....T
 9 PM...1160...790...18...10.....T
 10 PM...1150...825...18...10.....T CHECK CHOKE
 11 PM...1140...800...18...10.....T
 12 PM...1110...750...18...10.....T
 1 AM...1090...750...18...10.....T
 2 AM...1060...750...18...10.....T CHECK CHOKE
 3 AM...1025...720...18...10.....T
 4 AM...1000...650...18...10.....L-T, SURGING WATER
 5 AM...1000...690...18...10.....L-T
 6 AM...1000...720...18...10.....T
 DAILY WELL FLOW REPORT: 10/4/97 1:30 PM, FTP 1300, SICP 1150, CHOKE 10, GAS 879 MCF, SALES LINE TEMP 80, PRESS 102, PROD LINE TEMP 73, PRESS 1300, AMBIENT TEMP 70, ORIFICE PLATE 1.250, DIFFERENTIAL 85", STATIC 102, NEW WELL INITIAL FLOW 879 MCF, ON SALES LINE 2 1:30 PM 10/4/97.

REPORT DATE : 10/5/97 MD : 6.600 TVD : DAYS : 21 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966

DAILY DETAILS : FLWG 258 MCF, 0 BW, FTP 950#, CP 950#, 18/64" CHK, LLTR 1303 BBLs.

REPORT DATE : 10/6/97 MD : 6.600 TVD : DAYS : 22 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966

DAILY DETAILS : FLWG 721 MCF, 100 BW, FTP 575#, CP 740#, 17/18/64" CHK, 24 HRS, LLTR 1203 BBLs.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 10/7/97 MD : 6.600 TVD : DAYS : 23 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 712 MCF, 53 BW, FTP 500#, CP 725#, 25/64" CHK, LLTR 1150 BBLS.

REPORT DATE : 10/8/97 MD : 6.600 TVD : DAYS : 24 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 693 MCF, 90 BW, FTP 400#, CP 640#, 30/64" CHK, LLTR 1060 BBLS.

REPORT DATE : 10/9/97 MD : 6.600 TVD : DAYS : 25 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 637 MCF, 85 BLW, FTP 375#, CP 575#, 30/64" CHK, LLTR 975 BBLS.

REPORT DATE : 10/10/97 MD : 6.600 TVD : DAYS : 26 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 595 MCF, 50 BW, FTP 350#, CP 550#, 30/64" CHK, 24 HRS.

REPORT DATE : 10/11/97 MD : 6.600 TVD : DAYS : 27 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 559 MCF, 18 BW, FTP 325#, CP 560#, 30/64" CHK, 24 HRS.

REPORT DATE : 10/12/97 MD : 6.600 TVD : DAYS : 28 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 556 MCF, 17 BW, FTP 320#, CP 320#, CP 550#, 30/64" CHK, 24 HRS, LLTR 890 BBLS.

REPORT DATE : 10/13/97 MD : 6.600 TVD : DAYS : 29 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 550 MCF, 85 BW, FTP 300#, CP 475#, 30/64" CHK, 24 HRS, LLTR 805 BBLS.

REPORT DATE : 10/14/97 MD : 6.600 TVD : DAYS : 30 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 527 MCF, 12 BW, FTP 300#, CP 475#, 30/64" CHK, 24 HRS, LLTR 793 BBLS.

REPORT DATE : 10/15/97 MD : 6.600 TVD : DAYS : 31 MW : 0.0 VISC : 0
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$295.358 CC : \$236.608 TC : \$531.966
 DAILY DETAILS : FLWG 507 MCF, 13 BW, FTP 275#, CP 375#, 30/64" CHK, 24 HRS, LLTR 780 BBLS. IP DATE:
 10/06/97: FLWD 721 MCF, 100 BW, FTP 575#, CP 740#, 17/18/64" CHK, 24 HRS. FINAL REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

ML-22935-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU 280

9. API Well No.

43-047-32865

10. Field and Pool, or exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2596' FSL & 1459' FWL (NESW)
Section 31 T9S-R22E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other CO. Lower Tubing & cement casing annulus
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached chronological well history for work performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title

Bonnie Carson

Sr. Environmental Analyst

Date

3/2/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

**THE COASTAL CORPORATION
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

NBU #280
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
PERFS: 5176-6115'
PBSD: 6500'
4-1/2" @ 6550'
WI: 100%

Page 1

CO & Lower Tubing

1/27/98 **RU Delsco & swab.** Road rig F/CIGE #208 to NBU #280. MIRU. SICP 200 psi, FTP 200 psi. Blow well dn. ND WH, NU BOPS. Talley. PU & RIH w/38 jts 2-3/8" tbg. Tag SD @ 6362'. POOH & LD 8 jts 2-3/8" tbg. PU hgr & land w/192 jts 2-3/8", 4.7#, J-55. EOT @ 6092', SN @ 6061'. ND BOPS & NU WH flowline. RDMO. SWIFN @ 3:30 PM.
DC: \$6,504 CC: \$6,504

1/28/98 **Producing.** SICP 380#, SITP 10#. MIRU Delsco WLS, swabbing unit. Made 4 runs, rec 16 bbls, from 4800' to 5900'. Well kicked off. Blow to tank for 2 hrs. Drop plunger. Return well to prod. RDMO Delsco.
DC: \$1,320 CC: \$7,824

1/29/98 Flwg 175 MCF, 2 BW, FTP 204#, CP 267#, 30/64" ck.

1/30/98 Flwg 213 MCF, 6 BW, FTP 112#, CP 204#, 30/64" ck, 24 hrs. Prior prod: Flwg 200 MCF, 3 BW, FTP 100#, CP 120#, 30/64" ck, 24 hrs. **Final Report.**

Cement 4-1/2" Casing Annulus

2/20/98 **Well on prod.** RU Dowell to 4-1/2" csg annulus f/top dn job. Pmp 20 bbls LCM pill. Lead w/65 sxs Class "G" w/add, wt 11.5, yd 3.18. Tail w/190 sxs Class "G" w/add, wt 11.5, yd 3.16. Flush w/1 BW. ISIP 28#, MP 75# @ 2.4 BPM. AP -25# @ 2.4 BPM. Wash up & RD Dowell. **Final Report.**
DC: \$8,177 CC: \$8,177

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

58 South 1200 East CITY Vernal

STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.**Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 24-29-9-22	43-047-30493	2900	29-09S-22E	STATE	GW	P
CIGE 145-29-9-22	43-047-31993	2900	29-09S-22E	STATE	GW	P
CIGE 219-29-9-22	43-047-32864	2900	29-09S-22E	STATE	GW	P
NBU 341-29E	43-047-33055	2900	29-09S-22E	STATE	GW	P
CIGE 240	43-047-33207	2900	29-09S-22E	STATE	GW	P
NBU 137	43-047-31939	2900	30-09S-22E	STATE	GW	P
NBU CIGE 5-31-9-22	43-047-30335	2900	31-09S-22E	STATE	GW	P
NBU 50	43-047-30835	2900	31-09S-22E	STATE	GW	P
NBU CIGE 51D-31-9-22	43-047-30889	2900	31-09S-22E	STATE	GW	P
NBU 41J	43-047-31224	2900	31-09S-22E	STATE	GW	P
CIGE 97D-31-9-22	43-047-31729	2900	31-09S-22E	STATE	GW	P
NBU 155	43-047-32004	2900	31-09S-22E	STATE	GW	P
CIGE 148-31-9-22	43-047-32024	2900	31-09S-22E	STATE	GW	P
NBU 280	43-047-32865	2900	31-09S-22E	STATE	GW	P
CIGE 220-31-9-22	43-047-32884	2900	31-09S-22E	STATE	GW	P
NBU 326	43-047-33204	2900	31-09S-22E	STATE	GW	P
CIGE 3-32-9-22	43-047-30320	2900	32-09S-22E	STATE	GW	P
NBU CIGE 36D-32-9-22	43-047-30833	2900	32-09S-22E	STATE	GW	P
NBU 54	43-047-30890	2900	32-09S-22E	STATE	GW	P
NBU 51J	43-047-31234	2900	32-09S-22E	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If NO, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/19/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on:

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on:

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

PORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

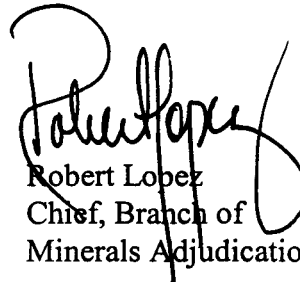
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

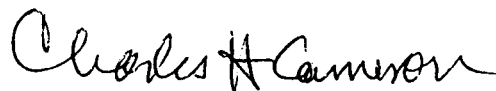
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono





IN REPLY REFER TO:
Real Estate Services

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

ACTING

Director, Office of Trust Responsibilities

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

City Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER:	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND #

State Surety Bond No. RLB0005236

Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No. Unit: NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 41J	31-09S-22E	43-047-31224	2900	STATE	GW	P
CIGE 97D-31-9-22	31-09S-22E	43-047-31729	2900	STATE	GW	P
NBU 155	31-09S-22E	43-047-32004	2900	STATE	GW	P
CIGE 148-31-9-22	31-09S-22E	43-047-32024	2900	STATE	GW	P
NBU 280	31-09S-22E	43-047-32865	2900	STATE	GW	P
CIGE 220-31-9-22	31-09S-22E	43-047-32884	2900	STATE	GW	P
NBU 326	31-09S-22E	43-047-33204	2900	STATE	GW	P
NBU 354	31-09S-22E	43-047-33231	2900	FEDERAL	GW	P
NBU 160	31-09S-22E	43-047-32006	2900	STATE	GW	PA
CIGE 241-32-9-22	32-09S-22E	43-047-33208	2900	STATE	GW	P
NBU 404	32-09S-22E	43-047-34375	2900	STATE	GW	P
NBU 281	32-09S-22E	43-047-32866	2900	STATE	GW	P
NBU 282	32-09S-22E	43-047-32867	2900	STATE	GW	P
CIGE 190-32-9-22	32-09S-22E	43-047-32912	2900	STATE	GW	P
NBU 157	32-09S-22E	43-047-32007	2900	STATE	GW	P
CIGE 96D-32-9-22	32-09S-22E	43-047-31730	2900	STATE	GW	P
NBU 51J	32-09S-22E	43-047-31234	2900	STATE	GW	P
CIGE 106D-32-9-22	32-09S-22E	43-047-31746	2900	STATE	GW	P
NBU CIGE 36D-32-9-22	32-09S-22E	43-047-30833	2900	STATE	GW	P
NBU 54N	32-09S-22E	43-047-30890	2900	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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3a. Address

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3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III.C.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

Date

Federal Approval of This
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Project Economics Worksheet**Instructions:**

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage EconomicsIs this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	830/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.42	\$/MCF

Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

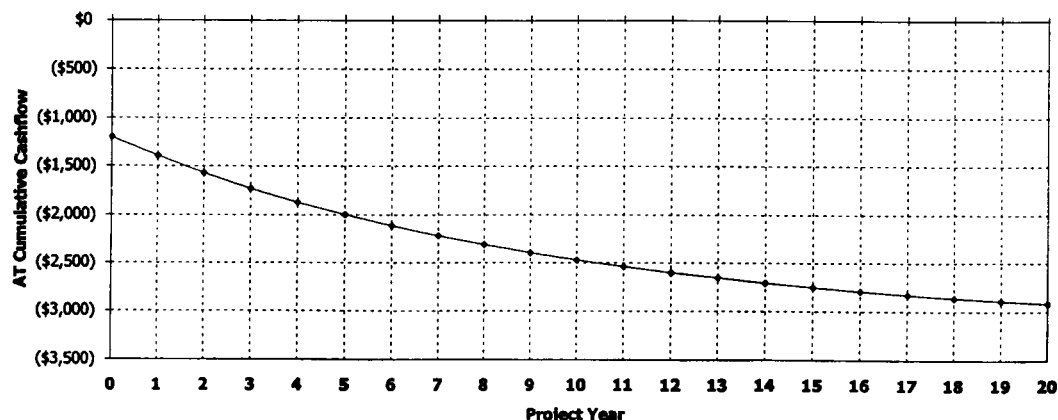
Gross Reserves:

Oil Reserves = 4 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NGL well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 245	8-10-22 SENE	UTU01196C	891008900A	430473300400S1
NBU 247	10-10-22 NWNW	U01196C	891008900A	430473297700S1
NBU 248	10-10-22 SENW	UTU025187	891008900A	430473407900S1
NBU 249	10-10-22 SESW	U01196C	891008900A	430473297800S1
NBU 252	10-9-21 NENW	U0141315	891008900A	430473280000S1
NBU 253	10-9-21 SWNW	U0141315	891008900A	430473291700S1
NBU 254	17-9-21 NESW	UTU0575	891008900A	430473280300S1
NBU 255	21-9-21 SESW	UTU0576	891008900A	430473280600S1
NBU 256	22-9-21 SENW	UTU0147566	891008900A	430473280700S1
NBU 257	25-9-21 SENW	U01194	891008900A	430473279000S1 ✓
NBU 258	26-9-21 SENE	U01194	891008900A	430473279100S1 ✓
NBU 259	26-9-21 SWNE	U01194	891008900A	430473279200S1 ✓
NBU 260	28-9-21 SENE	U05676	891008900A	430473300900S1
NBU 261	30-9-21 SENW	UTU0581	891008900A	430473292800S1 ✓
NBU 262	33-9-21 NENE	UTU0576	891008900A	430473292900S1
NBU 263	34-9-21 SENW	U01194	891008900A	430473279300S1 ✓
NBU 264	1-10-21 SESW	U02842B	891008900A	430473300000S1
NBU 265	2-10-21 NESE	ML13826	891008900A	430473279600S1 ✓
NBU 266	10-10-21 SWNW	UTU0149079	891008900A	430473294100S1
NBU 267	10-10-21 NESW	UTU01416A	891008900A	430473294200S1
NBU 268	11-10-21 NENE	U01190	891008900A	430473300100S1
NBU 269	12-10-21 SWNW	UTU1196D	891008900A	430473347300S1
NBU 270	13-10-21 SWNW	ML23608	891008900A	430473286200S1 ✓
NBU 271	24-10-20 SWNW	UTU4485	891008900A	430473288700S1
NBU 272	11-10-22 SWNE	U01197A	891008900A	430473288900S1 ✓
NBU 273	22-9-21 NWNW	UTU0147566	891008900A	430473290600S1
NBU 274	23-9-21 NESW	UTU149075	891008900A	430473290700S1
NBU 275	9-9-21 NWSW	UTU01188	891008900A	430473290500S1
NBU 277	19-9-22 SENE	UTU0284	891008900A	430473304200S1
NBU 278	30-9-22 SWSW	U463	891008900A	430473301100S1
NBU 280	31-9-22 NESW	ML22935A	891008900A	430473286500S1 ✓
NBU 281	32-9-22 SWSW	ML22649	891008900A	430473286600S1 ✓
NBU 282	32-9-22 NESE	ML22649	891008900A	430473286700S1
NBU 285	3-10-22 NWNW	UTU01191	891008900A	430473297600S1
NBU 286	3-10-22 SENW	UTU01191	891008900A	430473298400S1
NBU 287	3-10-22 NESE	UTU01191A	891008900A	430473298500S1
NBU 288	3-10-22 NWSW	UTU01191	891008900A	430473298600S1
NBU 289	3-10-22 SESW	UTU01191	891008900A	430473291000S1
NBU 290	3-10-22 SWSE	UTU01191A	891008900A	430473298700S1
NBU 291	9-10-22 NENE	UTU01196D	891008900A	430473291100S1
NBU 292	9-10-22 SWNE	UTU1196D	891008900A	430473347400S1
NBU 293	10-10-22 SENE	UTU025187	891008900A	430473318200S1
NBU 294X	22-9-20 NENW	UTU0577B	891008900A	430473346500S1
NBU 295	12-10-20 SWSW	UTU4478	891008900A	430473293900S1
NBU 296	24-10-20 NWNE	UTU4485	891008900A	430473288600S1
NBU 297	11-9-21 SWNW	UTU0141315	891008900A	430473304000S1
NBU 298	15-9-21 NESW	UTU01188	891008900A	430473304100S1
NBU 299	16-9-21 SWNE	ML3282	891008900A	430473301200S1
NBU 300	21-9-21 NWNW	UTU0576	891008900A	430473302300S1
NBU 301	25-9-21 NWSW	U01194	891008900A	430473285900S1 ✓
NBU 302	26-9-21 SWNW	U01194	891008900A	430473287700S1 ✓
NBU 303	26-9-21 SESE	ML22934	891008900A	430473287800S1 ✓
NBU 304	27-9-21 SESE	U01194A	891008900A	430473287900S1 ✓
NBU 305	27-9-21 SWSE	U01194A	891008900A	430473288000S1 ✓
NBU 306	27-9-21 NWNW	U01194A	891008900A	430473286000S1 ✓
NBU 307	28-9-21 NWNE	U05676	891008900A	430473300700S1
NBU 308	28-9-21 SENW	U05676	891008900A	430473314300S1
NBU 309	30-9-21 NENE	UTU0581	891008900A	430473301000S1
NBU 310	35-9-21 NENW	U01194	891008900A	430473288200S1 ✓
NBU 311	4-10-22 NESE	UTU01191	891008900A	430473283700S1
NBU 312-E2	2-9-21 SWSE	UTU21510	891008900A	430473228800S1 ✓
NBU 313	4-10-22 NENW	UTU01191A	891008900A	430473283800S1
NBU 315	11-9-21 SENE	UTU0141317	891008900A	430473387900S1
NBU 316	11-9-21 SWNE	UTU0141317	891008900A	430473441300S1
NBU 317	13-9-21 NENE	U-01193	891008900A	430473392100S1
NBU 318	13-9-21 SWNE	UTU01193	891008900A	430473388000S1
NBU 320	25-9-21 NWNW	U01189	891008900A	430473320100S1
NBU 321	26-9-21 SWSW	U01194	891008900A	430473320200S1 ✓
NBU 322	34-9-21 SESW	U01994	891008900A	430473320300S1 ✓
NBU 323	30-9-22 NENE	U-463	891008900A	430473405000S1
NBU 326	31-9-22 NESW	ML22935A	891008900A	430473320400S1 ✓
NBU 327	33-9-22 SWSE	UTU01191	891008900A	430473373500S1
NBU 329	1-10-21 NESW	UTU02842B	891008900A	430473322700S1
NBU 330	3-10-21 NENE	UTU0149078	891008900A	430473322800S1
NBU 331	3-10-21 NWNE	UTU0149078	891008900A	430473322900S1

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078

Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078

Phone: 1-(435) 781-7024

CA No.

Unit:

NATURAL BUTTES UNIT

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	-----	-----	-----	--------	-----------	------------	-----------	-------------

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

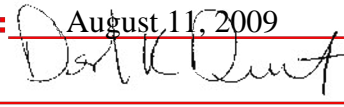
Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22935-A			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 280			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2596 FSL 1459 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 31 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047328650000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: Uintah		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/13/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO PLUG AND ABANDON THE WELL BORE TO DRILL THE NBU 922-31F PAD WELLS. WHICH CONSIST OF NBU 922-31F3S, NBU 922-33F2S, NBU 922-31J2S. PLEASE REFER TO THE ATTACHED PLUG AND ABANDON PROCEDURE.					
Approved by the Utah Division of Oil, Gas and Mining		Date: August 11, 2009 By: 			
NAME (PLEASE PRINT) Sheila Wopsock		PHONE NUMBER 435 781-7024			
SIGNATURE N/A		TITLE Regulatory Analyst DATE 8/7/2009			

RECEIVED August 07, 2009



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047328650000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 3. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: August 11, 2009
By: Dustin Doucet

Wellbore Diagram

API Well No: 43-047-32865-00-00

Permit No:

Well Name/No: NBU 280

Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Location: Sec: 31 T: 9S R: 22E Spot: NESW

Coordinates: X: 629355 Y: 4427816

Field Name: NATURAL BUTTES

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	255	11		
SURF	255	8.625	24	
HOL2	6600	7.875		
PROD	6600	5.5	17	

Capacity
(f/cf)7661
5,192

8 5/8" x 5 1/2"

Cement from 255 ft. to surface

Surface: 8.625 in. @ 255 ft.

Hole: 11 in. @ 255 ft.

320'

Plug #6

$$\text{Inside } 320' / (1.15) (7.661) = 365x$$

$$\text{Outside (Accessary) } 320' / (1.15) (5.192) = 545x$$

905x total ✓ o.k.

1090'

Plug #5

$$(545x) (1.15) (7.661) = 475'$$

TOC @ 1090' ✓ o.k.

1566'

1854'

Plug #4

$$235x = 200'$$

TOC @ 1854' ✓ o.k.

2054'

2955'

Plug #3

$$(365x) (1.15) (7.661) = 317'$$

TOC @ 2955' ✓ o.k.

3265'

4288'

Plug #2

$$(235x) (1.15) (7.661) = 202'$$

TOC @ 4288' ✓ o.k.

4498'

5073'

5126'

5176'

Plug #1

$$(65x) (1.15) (7.661) = 52'$$

TOC @ 5073'

Cement from 6600 ft. to surface

Production: 5.5 in. @ 6600 ft.

Hole: 7.875 in. @ 6600 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6600	0	HG	475
PROD	6600	0	T2	640
PROD	6600	0	G	255
SURF	255	0	PA	100

T&D Job

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5176	6115			

Approved by the
Utah Division of
Oil, Gas and Mining

Date: August 11, 2009

By:

Derek Dunt

Formation Information

Formation	Depth
UNTA	0
GRRV	1196
MHGBN	1954
BMSW	3000
WSTC	4396

TD:

6600 TVD:

PBSD:

NBU 280
2596' FSL & 1459' FWL
NESW SEC. 31, T9S, R22E
Uintah County, UT

KBE: 4855'
GLE: 4841'
TD: 6596'
PBSD: 6560'

API NUMBER: 43-047-32865
LEASE NUMBER: ML-22935-A
WI: 100.0000%
NRI: 83.202949%

CASING: 18" hole
14" conductor csg @ 40' (GL)
Cement to surf w/ 65 sx cmt.

11" hole
8 5/8" 24# J-55@ 255' (GL)
Cement w/ 100 sx P-AG, yield 1.18
TOC @ Surface.

7.875" hole
5 1/2" 17# J-55 @ 6600'
Cement w/ 475 sks cmt, yield 2.66 & tail 640 sks cmt, yield 1.53.
Top job pumped on 2/20/98, effective TOC @ surface.

TUBING: 2 3/8" 4.7# J-55 tubing landed at 6092'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbgr.	1.901	8100	7700	0.1624	0.02173	0.00387
5 1/2" 17# J-55	4.892	4910	5320	0.9764	0.1305	0.02324
8 5/8" 24# J-55	7.972	1370	2950	2.6749	0.3575	0.0636
Annular Capacities						
2.375" tbgr. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01006
5.5" csg X 8 5/8" 24# csg				1.4406	0.1926	0.0343
5.5" csg X 7.875 borehole				1.2978	0.1733	0.0309
8.625" csg X 12 1/4" borehole				3.0870	0.4127	0.0735

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1196'
Bird's Nest	1466'
Mahogany	1954'
Base of Parachute	3164'
Wasatch	4388'

Tech. Pub. #92 Base of USDW's

USDW Elevation	1800' MSL
USDW Depth	3055' KBE

PERFORATIONS:

Formation	Date	Top	Status
Wasatch	Oct-97	5176	Open
Wasatch	Oct-97	5184	Open
Wasatch	Oct-97	5314	Open
Wasatch	Oct-97	5318	Open
Wasatch	Oct-97	5398	Open
Wasatch	Oct-97	5411	Open
Wasatch	Oct-97	5418	Open
Wasatch	Oct-97	5424	Open
Wasatch	Oct-97	5495	Open
Wasatch	Oct-97	5508	Open
Wasatch	Oct-97	5517	Open
Wasatch	Oct-97	5605	Open
Wasatch	Oct-97	5823	Open
Wasatch	Oct-97	5829	Open
Wasatch	Oct-97	6113	Open
Wasatch	Oct-97	6115	Open

WELL HISTORY:

- Spud on 8/23/97
- TD'd on 9/21/97
- 10/2/97 - Perf gross Wasatch interval f/ 5176' - 6115'. Frac interval w/ 68,100 gal gel & 30% Co2 and 265,280# 20/40 sand. Turn well over to flowback crew.
- 10/6/97 - Well IP'd, flowing 721 MCF, 100 BW, FTP 575#, CP 740#, 17/64"ck, 24 Hrs
- 2/20/98 - Cemented production casing annulus using 65 sx class G, yield 3.18 lead and tail in with 190 sx class G, yield 3.16.

REMARKS:

- Land Exploration/Operations - This well is producing from the Wasatch formation. The lease is held by the NB Unit. OK to P&A. Jason Rayburn 7/1/09
- Geology - No remaining potential. OK to P&A. Formation tops added for reference. BJK 7/14/09
- Reservoir Engineering - This well was completed to the Wasatch in Oct 1997 and has gross cum production of 241 MMCF. The well was shut-in from 1/31/07 until 4/16/08 for the drilling of the NBU 922-31K-2T & 2TX. As of Q209, the net remaining reserves are 18 MMCF. The average rate in 2009 was 16 mcf/d. The well was SI from 2/1 to 4/14. After return to production, the avg rate is 31mcf/d with a LGR ~10bbl/mmcft. The breakeven EBITDA from Jan-Apr09 is \$7.00/mcfe (\$3.78 for April). Because of the low current rate and the low remaining reserves, this well should be P&A'd rather than TA'd for the drilling of the NBU 922-31F pad wells. LNG 6/30/09
- Operations Engineering - Well is currently running a plunger and optimized. No recent history of problems. TA and reinstallation of facilities would cost \$105k this year and \$55k when well is PA'd. For this 25mcf well to be PA'd in 5 years, we would need >\$5/mcf gas to make this more valuable to us than a PA today. Okay to PA or TA. MB 7/22/2009
- Green River Geology - OK to P&A. No behind pipe Green River potential identified. Green River only partially covered with open hole logs. Well is located out of the main Green River producing trend. Location is not suitable for Birds Nest SWD due to TDS < 10,000 ppm in the area. S.P. Kelly 6/30/2009.

RECOMMENDATION:

It is recommended to P&A this wellbore for the DC&E of the NBU 922-31K pad.

NBU 280 PERMANENT ABANDONMENT PROCEDURE

GENERAL

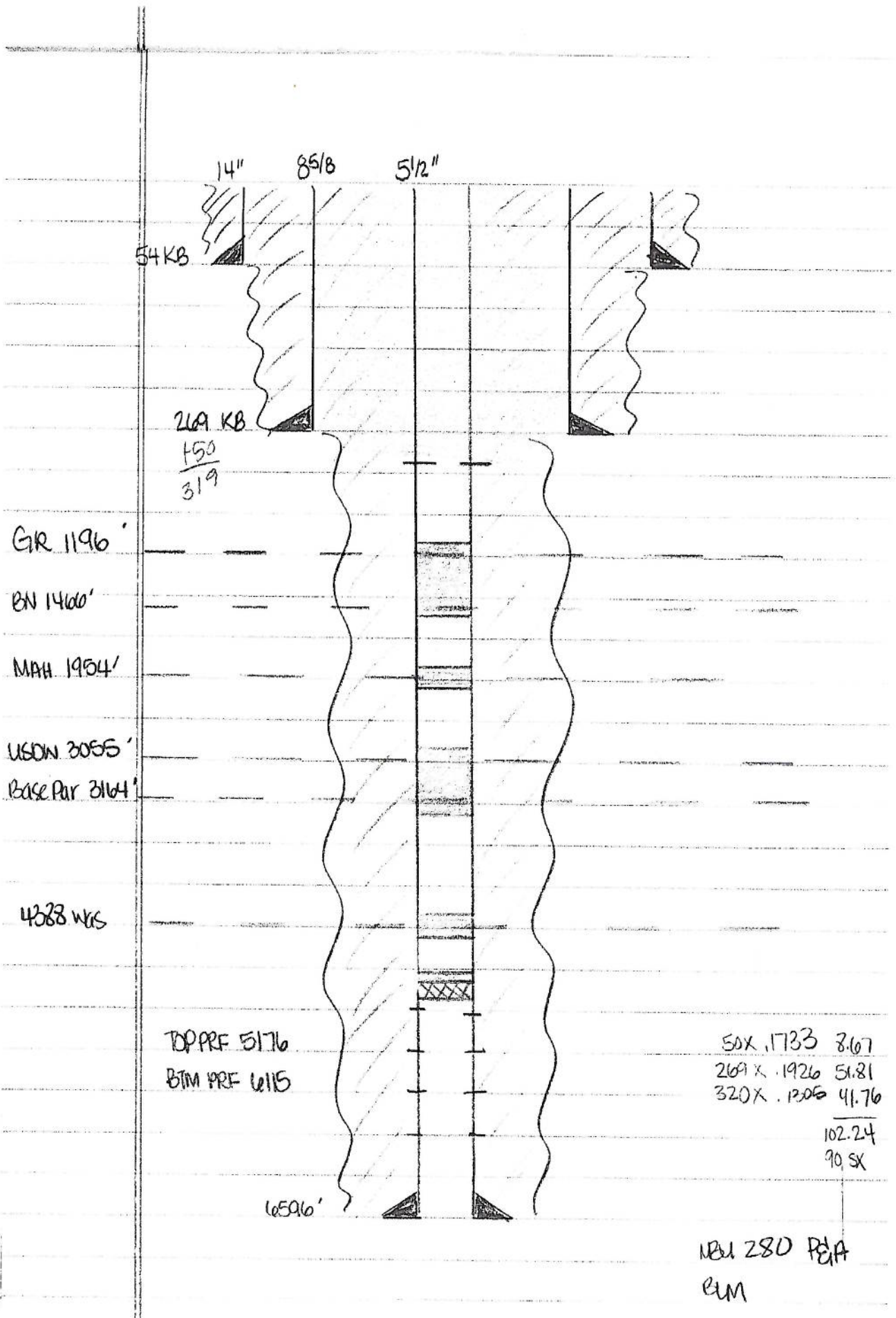
- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 232 sx Class "G" cement needed for procedure

Note: No gyro has been run on this well

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL AND PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY & CBL TO CONFIRM CEMENT TOP.
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5176' - 6115'):** RIH W/ 5½" CIBP, SET @ ~5126'. RELEASE CIBP, BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 6 SX (6.53 CUFT.) ON TOP OF PLUG. PUH ABOVE TOC (~5076'). REVERSE CIRCULATE W/ 10 PPG BRINE.
5. **PLUG #2, PROTECT WASATCH TOP (4388'):** PUH TO ~4488'. BRK CIRC W/ FRESH WATER. DISPLACE 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~4288' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. **PLUG #3, PROTECT BASE OF PARACHUTE (3164') & BASE OF USDW (~3055'):** PUH TO ~3265'. BRK CIRC W/ FRESH WATER. DISPLACE 36 SX (40.46 CUFT.) AND BALANCE PLUG W/ TOC @ ~2955' (310' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
7. **PLUG #4, PROTECT TOP OF MAHOGANY (1954'):** PUH TO ~2054'. BRK CIRC W/ FRESH WATER. DISPLACE 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~1854' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **NOTE: IF CBL DETERMINES THAT TOC IS OTHER THAN STATED IN THIS PROCEDURE, PLUGS 4 & 5 MAY NEED TO BE REVISED TO INCLUDE CEMENT IN 5 ½ X 8 5/8 ANNULUS.**
9. **PLUG #5, PROTECT TOP OF BIRD'S NEST (1466') & GREEN RIVER TOP (1196'):** PUH TO ~1566'. BRK CIRC W/ FRESH WATER. DISPLACE 54 SX (61.34 CUFT.) AND BALANCE PLUG W/ TOC @ ~1096' (470' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
10. **PLUG #6, SURFACE SHOE (269' KB) & SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 320' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 90 SX CMT (102.24 CUFT.) OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.
11. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
12. RDMO. TURN OVER TO DRILLING OPERATIONS.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22935-A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 280
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2596 FSL 1459 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 31 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047328650000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/3/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> OTHER:	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE OPERATOR HAS PERFORMED THE PLUG AND ABANDON ON THE SUBJECT WELL, TO DRILL THE NBU 922-31F PAD WELL LOCATION. WHICH CONSISTS OF NBU 922-31F3S; NBU 921-31F2S; NBU 922-31J2S. PLEASE REFER TO THE ATTACHED P&A CHRONOLOGICAL WELL HISTORY.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 13, 2009		
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/13/2009	

US ROCKIES REGION
Operation Summary Report

Well: NBU 280				Spud Date: 9/10/1997					
Project: UTAH-UINTAH				Site: NBU 280				Rig Name No: MILES 2/2	
Event: ABANDONMENT				Start Date: 8/26/2009				End Date: 9/3/2009	
Active Datum: RKB @0.00ft (above Mean Sea Level)				UWI: NBU 280					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
8/26/2009	7:00 - 7:30	0.50	ABAND	48		P		JSA ON RU	
	7:30 - 15:30	8.00	ABAND	31		P		MIRU, RUN GYRO TEST SIFN	
8/27/2009	7:00 - 7:30	0.50	ABAND	48		P		JSA NDWH, NUBOP'S	
	7:30 - 15:00	7.50	ABAND	31		P		RU, PUMP 30 BBLS TREATED WATER DWN TUBING, NDWH, NUBOP'S. PUMP 40 BBLS TREATED WATER DW3N TBG TO ROLL HOLE. RU SCAN TECH, PULL 000 JTS 2 3/8' 4.7# J-55 TBG OOH. SCANNING.	
8/28/2009	7:00 - 7:30	0.50	ABAND	48		P		PRCEDURE FOR SCANNING TBG	
	7:30 - 7:30	0.00	ABAND	31		P		PUMP 40 BBLS TREATED WATER, KILL WELL, POOH SCANNING TBG.RD SCAN TECH.POOH 192 JTS 4.7# 2 3/8" J-55 TBG. 131 GOOD, 61 REJECTED. RU CUTTERS, RUN GAUGE RING TO 5200' POOH ,RU CIBP RIH SET AT 5126'. POOH, RD CUTTERS PUMP 110 BBLS TREATED 2 % KCL WATER, PRESSURE TEST PLUG TO 1000# RU CUTTERS, RUN CBL FROM 5126' TO SURFACE.. NOT ABLE TO GET BOND LOG, TO GASOUS. FILLED WELL BORE SWIFWE	
8/31/2009	7:00 - 7:30	0.50	ABAND	48		P		CUTTERS WIRELINE RU	

US ROCKIES REGION

Operation Summary Report

Well: NBU 280

Spud Date: 9/10/1997

Project: UTAH-UINTAH

Site: NBU 280

Rig Name No: MILES 2/2

Event: ABANDONMENT

Start Date: 8/26/2009

End Date: 9/3/2009

Active Datum: RKB @0.00ft (above Mean Sea Level)

UWI: NBU 280

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 16:30	9.00	ABAND	41		P		RU CUTTERS WIRE LINE, RUN CBL UNDER PRESSURE, 1000#. RD CUTTERS, RIH WITH 162 JTS 2 3/8" 4.7# J-55 TBG. TO 5126' TAG CIBP. SET CEMENT PLUG WITH 128 SX CLASS G, YIELD 1.145, 4.9 GAL W/SX, 15.8#/CF. 5126' TO 3999' PUMP 5 BBLS FRESH WATER, 26 BBLS CEMENT, 1 BBL FRESH WATER, DISPLACE WITH 16 BBLS 2% KCL. TREATED. POOH LD 59 JTS 2 3/8" TBG 1852'. TO DEPTH OF 3268'.. SET CEMENT PLUG WITH 36 SX CLASS G, YIELD 1.145, 4.9 GW/SX, 15.8#/CF. PUMP 5 BBLS FRESH WATER, 7.3 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 12 BBLS 2% TREATED KCL. POOH 39 JTS TBG, 1221', TO DEPTH OF 2047'. SET CEMENT PLUG WITH 23 SX CLASS G, YIELD 1.145, 4.9 GW/SX, 15.8#/CF PUMP 5 BBLS FRESH WATER, 5 BBLS CEMENT, DISPLACE WITH, 1 BBL FRESH WATER, 8 BBLS TREATED 2% KCL. POOH 15 JTS TBG, 474', TO DEPTH OF 1566'. SET CEMENT PLUG WITH 54 SX CLASS G, YIELD 1.145, 4.9 GW/SX, 15.8#/CF PUMP 11 BBLS FRESH WATER, 5 BBLS CEMENT, DISPLACE WITH, 1 BBL FRESH WATER, 6 BBLS TREATED 2% KCRD PRO PETRO, RU CUTTERS, PERF CSG @ 310' WITH 4 SHOTS 22.7 GRM .40 HOLE PORTED GUN AT 90 DEGREES. RD CUTTERS, RU PRO PETRO, PUMP 27 BBLS CLASS G YIELD 1.145, 15.8#/CF 4.9 GW/SX CEMENT, DWN CSG UP SURFACE CSG TO SURFACE. RD PRO PETRO, SWIFN
9/3/2009	9:00 - 13:00	4.00	ABAND	51	B	P		DIG AROUND WELL HEAD, CUT OFF WELL HEAD. TOP OFF SURF AND 51/2 CSG W/ 40 SKS G 15.8#, 1.15 YEILD CMT. WELD ON DISCRPTION PLATE & BACKFILL.